Stable Diffusion Prompt Book

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Brought by: OpenArt

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01 Preface

Prompt

Tiny cute cow toy, reading a book, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Stable Diffusion Intro

A man with eyes wide open, surprised, in awe, digital art

Stable Diffusion is an open-source text-to-image AI model that can generate amazing images from given texts in seconds.

The model was trained on images in the LAION-5B dataset. It was developed by CompVis, Stability AI and RunwayML. All research artifacts from Stability AI are intended to be open sourced.

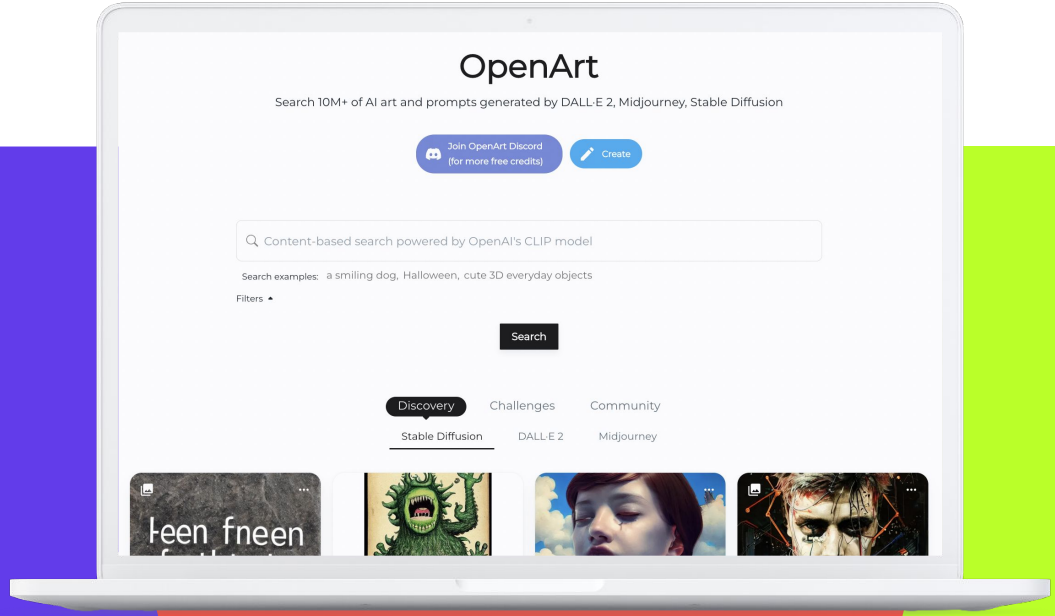
This prompt book is brought to you by OpenArt, a platform and community dedicated to AI-native content and written by members from the community. Should you have any concerns or questions. You can reach us on our Discord server.

OpenArt Intro

OpenArt (https://openart.ai) is a AI-native content and social platform.

It has a lot of great features to help you write better prompts

- Discover millions of AI-generated images and prompts
- Search by image content
- Build your AI-art portfolio and showcase your work on our community
- Create with Stable Diffusion and DALL-E 2 for free (and more models to come)
- Participate in our AI art challenges to win rewards



Prompt Engineering

Intro

Prompt engineering is the process of structuring words that can be interpreted and understood by a text-to-image model. Think of it as the language you need to speak in order to tell an AI model what to draw.

Prompt engineering is a great way to stretch the limitations of Text2IM models. Good prompts can make images go from good to great.

Prompt Engineering

This prompt book will help you learn essential building blocks and all the techniques to master Stable Diffusion.

The secret for generating good images

- A well-written prompt consisting of modifiers and a good sentence structure. We will introduce the prompt format in the section 2. We will also show you all types of modifiers you can use in the section 3 and some magic words in the section 4.
- Well-adjusted Stable Diffusion parameters. (section 5). You can always use the default, but sometimes fine-tuned parameters can generate better results. This will strengthen your ability to bring your creative dream images to life.

⭐ **Tip** - You can always visit OpenArt to get inspired by millions of prompts 😻.

Prompt Engineering Intro

This is an example of a prompt and all the parameters Prompt: Funko pop superman figurine, made of plastic, product studio shot, on a white background, diffused lighting, centered.

Try out this prompt on OpenArt

Model: Stable Diffusion

Seed: 70455

Scale: 13

Steps: 25

Resolution: 512 x 512

Sampler: DDIM

02

Prompt Format

Prompt:Tiny cute giraffe using a typewriter toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Start by asking a list of questions

1. Do you want a photo or a painting?
2. What's the subject of the photo? *Person? An animal or perhaps a landscape?*
3. What details do you want to add?
    - **Special Lighting**. *Soft, ambient, ring light, neon*
    - **Environment**. *Indoor, outdoor, underwater, in space*
    - **Color Scheme**. *Vibrant, dark, pastel*
    - **Point of view**. Front, Overhead, Side
    - **Background**. *Solid color, nebula, forest*
4. In a specific art style? *3D render, studio ghibli, movie poster*
5. A specific photo type? *Macro, telephoto*

Photo of real life Shaggy Rogers, cinematic lighting, peeking from a van's window, vibrant colors, bokeh, movie poster style

! This is not an all-inclusive list, but will help you get great results when you start your prompt crafting journey. Don't be afraid to experiment the more you try different prompts the better you will become!

Example

Answer the following questions

1. Do you want a photo or a painting? **=> painting**
2. What's the subject of the photo? *Person. animal, landscape.* *=>* ***a goldendoodle***
3. What details do you want to be added? ***=> wearing a suit***
   a. Special Lighting. *Soft, ambient, ring light, neon* ***=> natural light***
   b. Environment. *Indoor, outdoor, underwater, in space* ***=> in the sky***
   c. Color Scheme. *Vibrant, dark, pastel* ***=> with bright colors***
4. In specific art style? *3D render, studio ghibli, movie poster* ***=> with by Studio Ghibli***

Use the answers to create a complete sentence

A painting of a cute goldendoodle wearing a suit, natural light, in the sky, with bright colors, by Studio Ghibli

See the next page for the generated image.

A painting of a cute goldendoodle wearing a suit, natural light, in the sky, with bright colors, by Studio Ghibli

❗

However, there is a problem. The goldendoodle is NOT in the sky... The AI didn't take in "in the sky" properly.
Worry not! You can change the order of the words a little bit if one part is important. The earlier a word is in the sentence, the more importance it will be given.

A painting of a cute goldendoodle in the sky, wearing a suit, natural light, with bright colors, by Studio Ghibli

We moved “in the sky” earlier in the prompt. As you can see, the dog is now “in the sky”.

The order of words is important

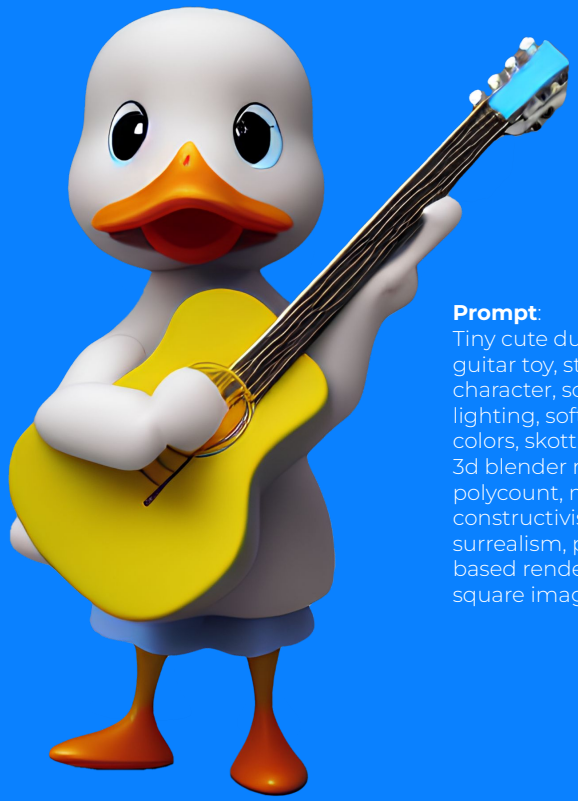
The order and presentation of our desired output is almost as an important aspect as the vocabulary itself. It is recommended to list your concepts explicitly and separately than trying to cramp it into one simple sentence.

A cat sitting on a martin table.

A cat that is sitting on a table on mars.

A cat that is sitting on a table. The table is on mars.

03
Modifiers



Prompt:
Tiny cute duck playing guitar toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

About Modifiers

Modifiers are words that can change the style, format, or perspective of the image. There are certain magic words or phrases that are proven to boost the quality of the image.

In this section, we will talk different types of modifiers you can use in your prompt. If you want to visualize how a modifier affects an image beyond our given examples, you can use the search functionality on https://openart.ai to see more.

- Photography
- Art Mediums
- Artists
- Illustration
- Emotions
- Aesthetics

Photography

Prompt

Tiny cute boy holding camera toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Photography Prompt - Mix and Match!

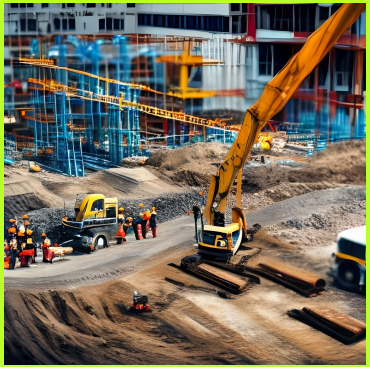
Shot type	Style	Subject	Lighting	Context	Lens	Device
Close-up	polaroid	Woman	Soft	Indoor	Wide-angle	iPhone X
Extreme Close-up	Monochrome	Old man	Ambient	Outdoor	Telephoto	CCTV
POV	Long exposure	Grey cat	Ring	At night	24mm	Nikon Z FX
Medium shot	Color splash	Bunny	Sun	In the park	EF 70mm	Canon
Long shot	Tilt-shift	Ferrari	Cinematic	Studio	Bokeh	Gopro

Close-up polaroid photo, of a husky, soft lighting, outdoors, 24mm Nikon Z FX

Photography Styles

Polaroid

still photo of a child sitting in the middle of a wide empty city street, his back to the camera, symmetrical, **polaroid** photography, highly detailed, crisp quality



Tilt-Shift

photo of construction site, workers, **tilt shift effect**, bokeh, Nikon

Product Shot

Product shot of nike shoes, with soft vibrant colors, 3d blender render, modular constructivism, blue background, physically based rendering, centered

Long Exposure

An aerial view of a city at night, **long exposure,** instagram contest

Photography Styles

Portrait

Portrait photo of a storm trooper with his beautiful wife on his wedding day

Color-Splash

Color splash wide photo of red phone booth in the middle of empty street, detailed, mist, soft vignette

Monochrome

Photo of staircase in abandoned building, symmetrical, **monochrome** photography, highly detailed, crisp quality and light reflections, 100mm lens

Satellite

Google earth satellite image, of New York City, detailed buildings and streets

Cameras

Gopro

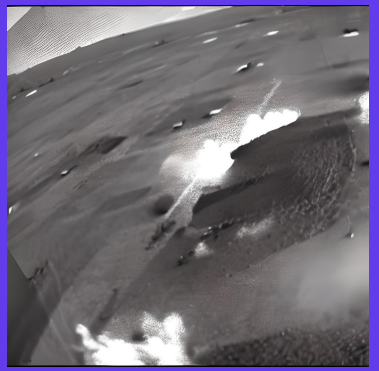
Monkey swimming, **Gopro** footage

CCTV

Darth Vader at a convenience store, pushing shopping cart, **CCTV** still, high-angle security camera feed

Drone

Drone photo of Tokyo, city center



Thermal

Thermal camera footage from a helicopter, war scene

Lenses

Telephoto

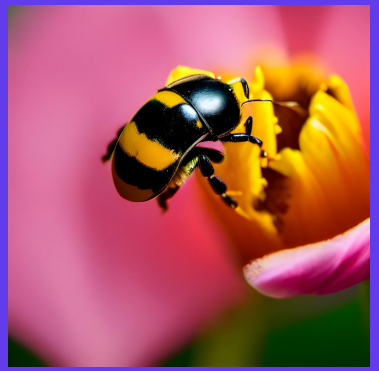
Alligator emerging from water, **telephoto** lens

Fish-eye

Night club, people dancing, **Fish-eye** lens

800mm

Photo of hummingbird, **800mm** lens



Macro

Photo of a ladybug-bee hybrid standing on a tulip, **macro lens**

Lighting

Telephoto

Fallout concept art school interior render grim, **nostalgic lighting,** unreal engine 5

Purple Neon

Fallout concept art school interior render grim, realistic **purple neon lighting** unreal engine 5

Sun Rays

Fallout concept art school interior render grim, **sun rays** coming through window, unreal engine 5

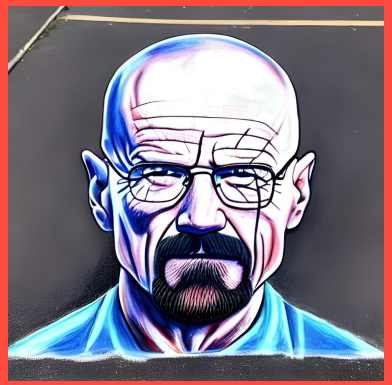
Art Mediums

Prompt

Tiny cute goat painter toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

OpenArt

Art Mediums



Chalk

A sidewalk chalk painting of walter white

Graffiti

wall **graffiti** art of astronaut holding a super soaker

Water Colors

water color painting of sunset behind mountains, detailed, vaporwave aesthetic

Oil Painting

Oil painting of human Rick Sanchez, contest winner

OpenArt

Art Mediums

Fabric

Crochet doll of Spiderman, studio lighting

Pencil Drawing

Pencil painting of Emma Watson

Wood

Modern spiral shaped table design, made of **wood**, studio lighting

Oil Painting

Clay model of the throne from Game of Thrones

Artists

Prompt

Tiny mouse holding a paint brush toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

List of artists by style

Insert a disclaimer about not using modern artists especially if you know they do not want to be used.

Portrait

Derek Gores, Miles Aldridge, Jean Baptiste-Carpeaux, Anne-Louis Girodet

Landscape

Alejandro Bursido, Jacques-Laurent Agasse, Andreas Achenbach, Cuno Amiet

Horror

H.R.Giger, Tim Burton, Andy Fairhurst, Zdzislaw Beksinski

Anime

Makoto Shinkai, Katsuhiro Otomo, Masashi Kishimoto, Kentaro Miura

Sci-fi

Chesley Bonestell, Karel Thole, Jim Burns, Enki Bilal

Photography

Ansel Adams, Ray Earnes, Peter Kemp, Ruth Bernhard

Concept artists (video game)

Emerson Tung, Shaddy Safadi, Kentaro Miura

Portrait Artists

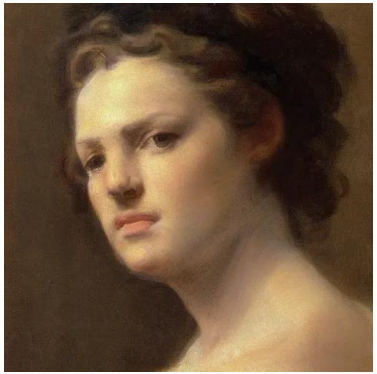
Using an artist that is known for doing portraits can be very helpful in creating a specific style. In all the images below everything was kept the same including the seed, All the differences are caused by the artist chosen. As you can see some artists have a very profound effect and others have just a subtle effect.

Derek Gores

Portrait by Derek Gores

Miles Aldridge

Portrait by Miles Aldridge



Jean-Baptiste Carpeaux

Portrait by Jean-Baptiste Carpeaux

Anne-Louis Girodet

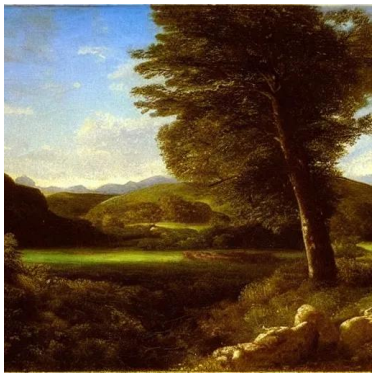
Portrait by Anne-Louis Girodet

Landscape Artists

When making a landscape it's smart to give a set of day like morning, noon or night time and to set the season. Notice that some artists only influence the output subtly while others change it drastically

Alejandro Bursido

Landscape by Alejandro Burdisio

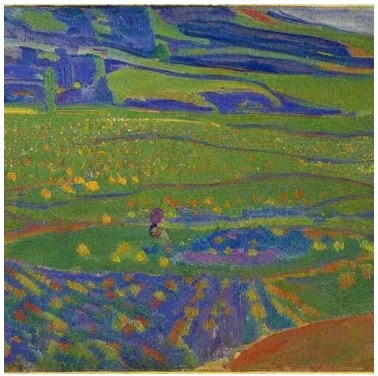


Jacques-Laurent Agasse

Landscape by Jacques-Laurent Agasse

Andreas Achenbach

Landscape by Andreas Achenbach



Cuno Amiet

Landscape by Cuno Amiet

Horror Artists

Horror artists are known for having chilling images but they can be used to make pleasing images mixed with other artists. See the page on mixed artist later in the book.

H. R. Giger

Horror by H.R.Giger

Tim Burton

Horror by Miles Aldridge

Andy Fairhurst

Horror by Jean Baptist Carpeaux

Zdzislaw Beksinski

Horror by Anne-Louis Girodet

Anime Artists

It’s important when using anime artists to keep in mind the style they focus on and what time period they are from

Makoto Shinkai

Art by Makoto Shinkai

Katsuhiro Otomo

Art by Katsuhiro Otomo

Masashi Kishimoto

Art by Masashi Kishimoto

Kentaro Miura

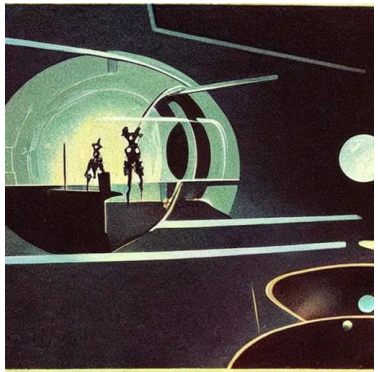
Art by Kentaro Miura

Sci-fi Artists

Choosing the right artist can drastically change the output. Science fiction artists tend to have very distinctive styles. Remember that you can not only use traditional art mediums but also artists from films.

Chesley Bonestell

A sci-fi scene by Chesley Bonestell



Karel Thole

A sci-fi scene by Karel Thole

Jim Burns

A sci-fi scene by Jim Burns

Enki Bilal

A sci-fi scene by Enki Bilal

Photography Artists

Dont forget that you can use noted photographers in your prompts. Try to use landscape or portrait photographers depending on what you are focusing on.

Ansel Adams

Photograph by Ansel Adams

Ray Earnes

Photograph by Ray Earnes

Peter Kemp

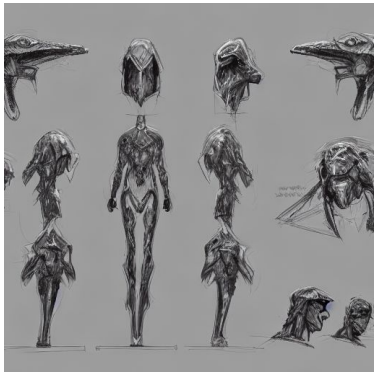
Photograph by Peter Kemp

Ruth Bernhard

Photograph by Ruth Bernhard

Concept Artists (Video Games)

When it comes to concept artists some of them will make scenes better while others will make better character designs



Emerson Tung

Concept sheet by Emerson Tung

Shaddy Safadi

Concept art by Shaddy Safadi

Shaddy Safadi

Concept art by Shaddy Safadi

Kentaro Miura

Concept art by Kentaro Miura

Advanced technique - Mixing Artist Styles

Building a prompt with artists can refine your image to something more. It's important for you to use multiple artists in the right category so to have your own style but keep in mind it can be multiple categories

Frank Frazetta

Oil painting of a man staring at the stars, by Frank Frazetta

+

Yoji shinkawa

Oil painting of a man staring at the stars, by Yoji shinkawa

=

Frank Frazetta & Yoji shinkawa

Oil painting of a man staring at the stars, by Frank Frazetta, by Yoji shinkawa

OpenArt

Mixing Artist Styles (Portrait)

Building a prompt with artists can refine your image to something more

Jean-Baptist Carpeaux

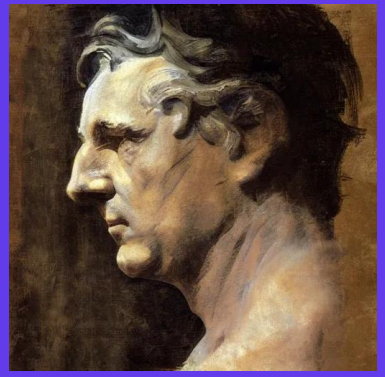
Portrait by Jean-Baptiste Carpeaux

+

Derek Gores

Portrait by Derek Gores

=



Jean-Baptiste & Derek Gores

Portrait by Jean-Baptiste Carpeaux and Derek Gores

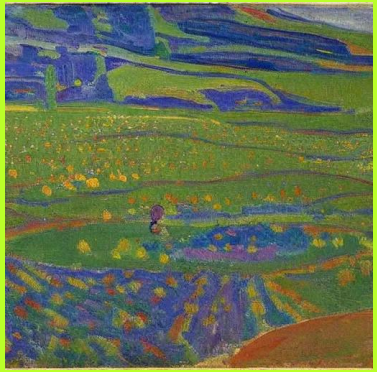
Mixing Artist Styles (Landscape)

Notice the subtle ways that the artist styles combine. You are not limited to two artists.Use as many as you want.

Alejandro Bursido

Landscape by Alejandro Bursido

+



Cuno Amiet

Landscape by Cuno Amiet

=

Alejandro Bursido & Cuno Amiet

Landscape by Alejandro Bursido and Cuno Amiet

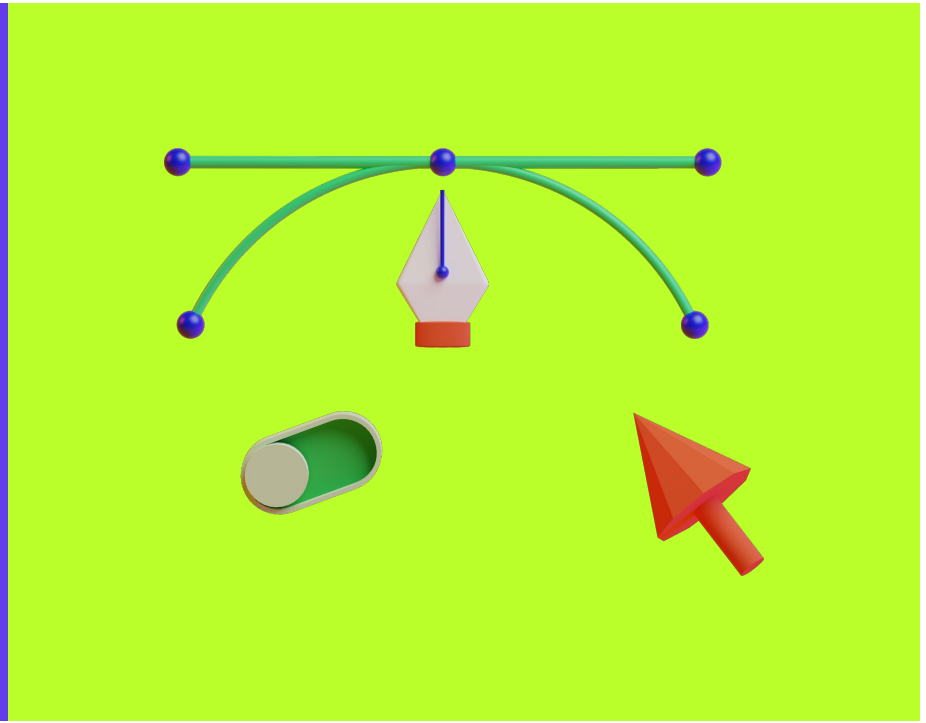
External Links To Artist Reference Materials

Google Arts and Culture

Stable Art Artist Guide

SD Artist Collection

The AI Art - Modifiers Guide



Illustration

Prompt

Tiny cute bob ross toy, fuzzy hair, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

3D illustrations

Stable diffusion can be used to create any 3D scene or object you can imagine!

Cute panda, **origami** art

Needle felted scene from the Simpsons, highly detailed, tilt shift, highly textured, action

OpenArt

3D illustrations

Isometric assets

Tiny cute **isometric** kitchen in a cutaway box, soft smooth lighting, soft colors, 100mm lens, 3d blender render

Low Poly

kawaii **low poly** squirrel character, 3d isometric render, white background, ambient occlusion, unity engine

Pixar Renders

3d fluffy Lion, closeup cute and adorable, cute big circular reflective eyes, long fuzzy fur, **Pixar render**, unreal engine cinematic smooth, intricate detail, cinematic

3D Item Render

Tiny isometric Alarm Clock, soft smooth lighting, soft colors, **3d blender render**, trending on polycount, modular constructivism, physically based rendering

OpenArt

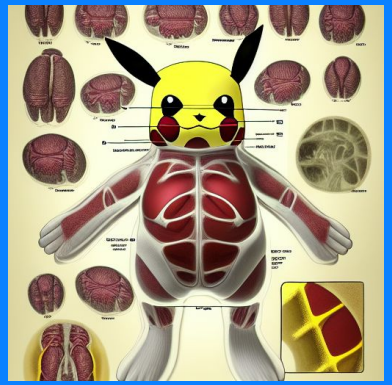
More illustrations

Children's book

Elephant-turtle hybrid, in **Children's book** illustration style

Vector

Vector illustration of Living Room in Flat Style, pastel color palette



Scientific Illustration

Anatomy of Pikachu, dissection **Scientific illustration** from a biology book

3D Item Render

Retro **comic style artwork,** highly detailed benedict cumberbatch, comic book cover, symmetrical, vibrant

OpenArt

More illustrations

Caricature

Caricature art of spiderman sitting on a chair drinking beer, on Charlie Hebdo

Propaganda Poster

USSR **propaganda** poster. Eat Oreo!

Movie Poster

Adventurous trash can, **movie poster**

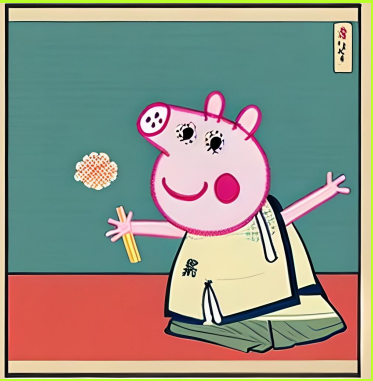
Psychedelic Art

Hypnotic illustration of a dear face, hypnotic **psychedelic** art by Dan Mumford, pop surrealism, dark glow neon paint, mystical, Behance

More illustrations

Splash Art

Splash art of an armored mage channeling arcane magicks, mana shooting from his hands, mystical energy in the air, action shot, heroic fantasy art, special effects, hd octane render

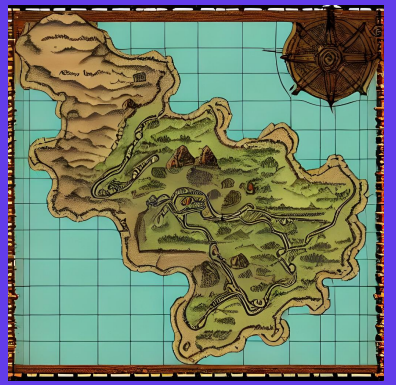


Ukiyo-e

Peppa pig, in **Ukiyo-e** style

Stickers

Die-cut **sticker,** Cute kawaii Goldendoodle character sticker, white background, illustration minimalism, vector, pastel colors



Fantasy Maps

DnD **map** with roads, for printing, highly detailed, with many towns

Character design

When it comes to creating a character you want to first describe the broad description of them like "male orc" then adding more to them like "metallic armor". After that building the details while generating the images and make sure to add artists fitting the person

Prompt

Digital art of a **orc**, by Larry Elmore, by Justin Gerard

Prompt

Digital art of a **orc with metal armor,** by Larry Elmore, by Justin Gerard

Prompt

Digital art of a **orc with metal armor,** by Larry Elmore, by Justin **Gerard, concept sheet**

Prompt

Digital art of a **orc with metal armor**, by Larry Elmore, by Justin **Gerard, concept sheet**

The last image is made from using img2img on a higher scale to get better detail on the image. The strength was 30 but you can adjust it to what you want when making your own image

Emotions

Prompt

Tiny cute scared panda toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Simple feelings modifiers can set the atmosphere of the scene!

Prompt

Cute sad girl toy, curly hair, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, physically based rendering, square image

OpenArt

Positive emotions

Cosy

Cosy vintage bedroom, octane render by weta digital, exotic colorful pastel, ray traced lighting and reflections

Romantic

Photo of a couple shopping, **romantic** lighting

Joyful

Joyful photo of a husky puppy splashing water at the beach, canon eos r3

Energetic

Energetic painting of a pool with flamingos

More positive emotions

Hope

Woman, filled with **hope**, in a beautiful dress, running on the beach

Lust

Painting of a couple, filled with **lust**, by mike mignola

Peaceful

A **peaceful** Japanese city street, dreamy, soft colors, studio ghibli style

Satisfaction

Old man looking at the camera, filled with **satisfaction**, Canon EOS 5D Mark IV

OpenArt

Negative emotions

Depressing

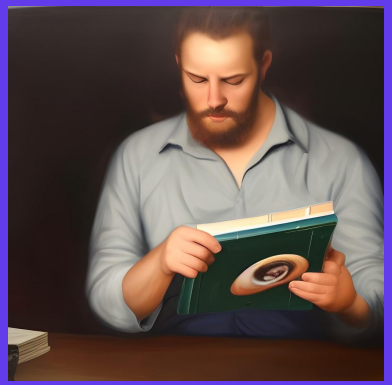
Depressing photo, futuristic park

Loneliness

Girl sitting in window, reading a book, **loneliness**

Grim

Grim painting of a lake with ducks



Regret

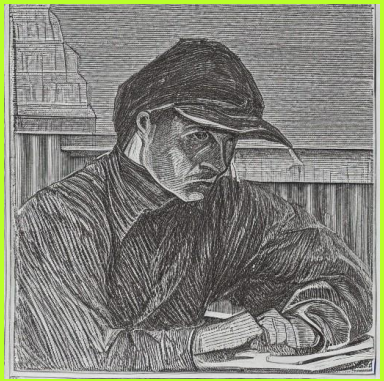
Painting of a man looking at photo album, filled with **regret**

OpenArt

More negative emotions

Suffering

Digital painting showing the **suffering** of a woman, sitting on a bench in the forest, by goro fujita



Hopelessness

Man, **hopelessness,** black and white, looking into the camera, sketch, intricate details

Fear

Child running towards the camera, in **fear**, by atey ghailan and mike mignola

Disgust

Photo of a child looking at his food with **disgust,** Hasselblad photography

Aesthetics

Prompt

Tiny psychedelic lion toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Vibrant

Weirdcore

Weirdcore image of a zoo

Acidwave

Dog in the park, **Acidwave** aesthetic

Dreamcore

Photo of neighborhood, **Dreamcore** style

Vaporwave

Vaporwave pool

Gloomy

Liminal Space

Flooded, **liminal space**, underground city carpark, lighting with lensflares, photorealistic 8 k, eerie

After Hours

After hours, stairs to the park

Brutalism

Building, brutalism architecture

Post-Apocalyptic

Photo in a **Post-Apocalyptic** town, with houses and cars

OpenArt

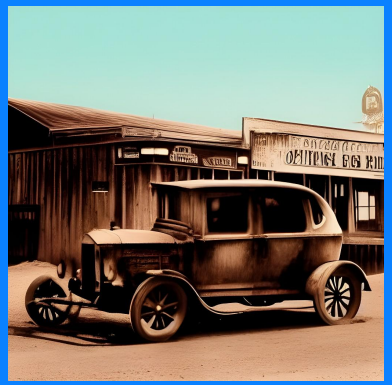
Historic

Baroque

Painting of Danny DeVito, in **Baroque** cloth and style

Sovietwave

People walking in the street, **Sovietwave**



Wild West

Photo of a car driving in a town, **Wild West**

Film Noir

Chandler and monica, detailed faces, **Film Noir** style

04

Magic words

Prompt

Tiny wizard with a hat toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

HDR, UHD, 64K

Quality words like HDR, UHD, 4K, 8k, and 64K can make a dramatic difference.

Seed: 1000

A Landscape

A landscape, HDR, UHD, 64K

Highly detailed

Quality words like highly detailed can make a dramatic difference.

Seed: 2437020575

Joann of Arc portrayed by Jennifer Lawrence, concept

Joann of Arc portrayed by Jennifer Lawrence, highly detailed, concept

Studio lighting

Studio lighting could really add some nice texture to the image

Seed: 4035355907

A cinematic film still of Morgan Freeman starring as 50 Cent, portrait, 40mm lens, shallow depth of field, close up

A cinematic film still of Morgan Freeman starring as 50 Cent, portrait, 40mm lens, shallow depth of field, close up, studio lighting

Professional

Adding professional, can greatly improve the color contrast and details in the image

Seed: 851639

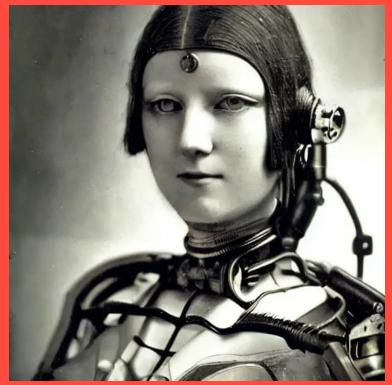
Empty temple, photograph

Empty temple, **professional** photograph

Trending on artstation

Seed: 4092599551

Hyperrealistic 4d model

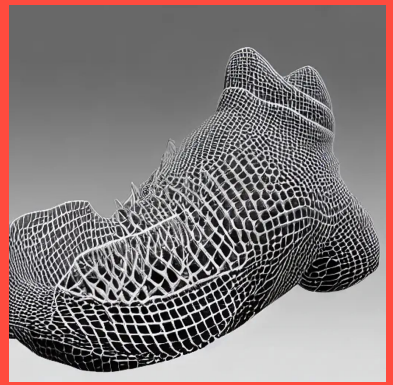


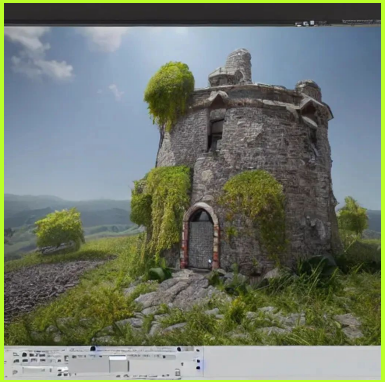
Portrait photo of a beautiful female cyborg from 1920, trending on artstation

Unreal engine

Seed: 868591112

Hyper realistic 4 d model





Hyper realistic 4 d model, unreal engine

Vivid Colors

Adding **Vivid Colors**, adds life to your images

Seed: 1

Photo from a city street in the 1970s

Photo from a city street in the 1970s, vivid colors

Bokeh

Bokeh blurs the background and highlights the subject. It’s like iPhone portrait mode.

Seed: 432543543

A cute totoro in a yard

A cute totoro in a yard, bokeh

High resolution scan

Want a historic looking photo? Add, "High resolution scan"

Seed: 88114615

Photo of a parade in New York City

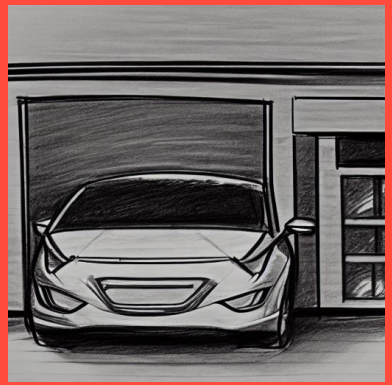
Photo of a parade in New York City, **High resolution scan**

Sketch vs Painting

Almost always, **sketch** creates pencil images, while **painting** adds colors and probably give an older looking scene

Seed: 851636

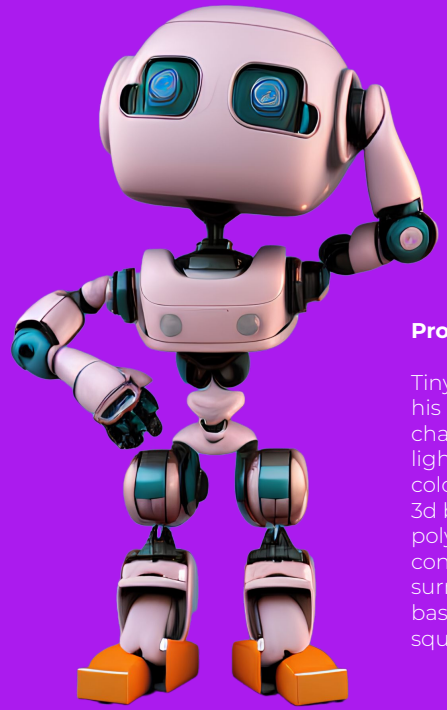
Sketch of a car parked in front of a shop



Painting of a car parked in front of a shop

05

Stable Diffusion Parameters



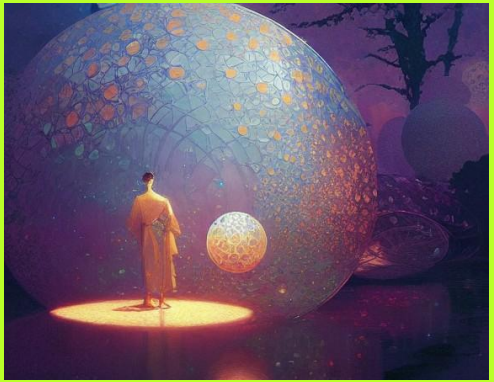
Prompt

Tiny robot scratching his head toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Resolution – default is 512x512

This parameter is straight forward. You choose the Width and Height of the generated images. But it's important to know that the model was trained on 512x512 images, and in general these dimensions provide the best quality and composition, so it is recommended you stick to them as a beginner.

512x512



576x448

Even with all parameters fixed, changing the resolution will completely change the generated image. Although it may have similar colors and composition

This parameter increases the required VRAM, and the time needed to generate

Classifier Free Guidance (CFG) – default is 7

You can see this parameter as a “Creativity vs. Prompt” scale. Lower numbers give the AI more freedom to be creative, while higher numbers force it to stick to the prompt.

Prompt: a red bird drinking water from a lake, children's book painting

CFG: 0 Completely ignores the prompt

CFG: 4 Missing the red color

CFG: 7 Good balance

CFG: 15 Too high Starts creating artifacts

This parameter does not affect the VRAM needed, or the generation time.

Step count – default is 50

Stable Diffusion creates an image by starting with a canvas full of noise and denoise it gradually to reach the final output, this parameter controls the number of these denoising steps. Usually, higher is better but to a certain degree, for beginners it's recommended to stick with the default.

This parameter does not affect the VRAM needed, but increasing it is directly proportional to the time it takes to generate an image

Seed – default is “random”

Seed is a number that controls the **initial noise**. The seed is the reason that you get a different image each time you generate when all the parameters are fixed. By default, on most implementations of Stable Diffusion, the seed automatically changes every time you generate an image. You can get the same result back if you keep the prompt, the seed and all other parameters the same.

Prompt: photo of a rabbit driving a bicycle, in Tokyo at night

Seed: 0

Seed: 8

Seed: 18

Sampler

Diffusion samplers are the method used to denoise the image during generation, and since they differ in the way of calculating the next step in the image production, they take different durations and different number of steps to reach a usable image. We suggest beginners to use **DDIM** since it's fast and can usually generate good images with only 10 steps, making it easy and fast to experiment and improve

Sampler: PLMS

Steps: 10

Sampler: DDIM

Steps: 10

kawaii tiny cute unicorn emoji made of clay, iOS emoji , 3D clay blender render, rich vivid colors, smooth gradients, isometric front view, diffuse lighting, octane render, unreal engine

06

Important Tips

Prompt:
tiny duck playing on guitar toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

When to use different CFG values?

CFG 2 - 6: Creative, but might not follow the prompt

CFG 7 - 10: Recommended for most prompts. Good balance between creativity and guided generation

CFG 10 - 15: When you're sure that your prompt is good/specific enough.

CFG 16 - 20: Not generally recommended unless the prompt is well detailed. Might affect coherence and quality

When to use different CFG values? - Examples

CFG: 2

Complete mess

CFG: 7

We have a rabbit now

CFG: 12

We got all 3 subjects!

CFG: 19

Composition seems forced

anime illustration of a **blue rabbit**, riding a **scooter** near a **lake**, with the sun in the sky

In a prompt with multiple subjects, it's a good idea to increase the CFG scale

The power of seeds

Some seed are just better for a prompt, so try to save a good seed and slightly tweak the prompt to get what you're looking for while keeping the same composition. This can also be used to test the effect of different modifiers.

All these images used the same seed and parameters, only change was the prompt

Photo of a cute dog holding an umbrella

Photo of a cute cat holding an umbrella

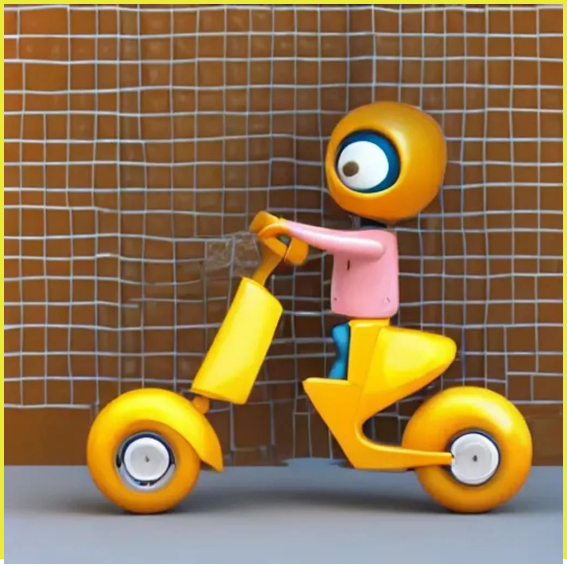
Painting of a cute cat holding an umbrella

Photo of a cute cat holding an umbrella, at night

Token efficiency

Your prompt is limited effectively to 75 tokens. If you are working with a long prompt try to be efficient with words that do not significantly add to your meaning. A typical example is when using an artist as a modifier to get a particular style. Here are a few prompts and their token counts. They all will produce a piece that looks like it was created by Vincent Van Gogh with their associated token counts,

- A horse in the style of Vincent Van Gogh (11)
- A horse in the style of Van Gogh (10)
- A horse by Vincent Van Gogh (7)
- A horse by Van Gogh (6)
- Horse by Van Gogh (6)
- Horse Van Gogh (5)



All will accomplish the result but are not exactly the same.

The order of words can be as important as the words themselves

This trick is especially useful when trying to make unusual creations.

Pink ice cream truck with machine gun mounted on it, technical

Machine gun mounted on top of a pink ice cream truck, technical

“Using the same seed and sampler”

In the above example, the machine gun doesn’t appear unless you put it in the start of the prompt!

Don’t forget about conventional tools!

You got a great generation with a messed-up facial features? Use **GFP-GAN** to fix it (use it online)

Close-up portrait photo of a blonde woman on her wedding day

Close-up portrait photo of an elderly middle eastern woman smiling, bokeh

Portrait photo of a female army soldier during WW1

07

Img2Img in/out painting

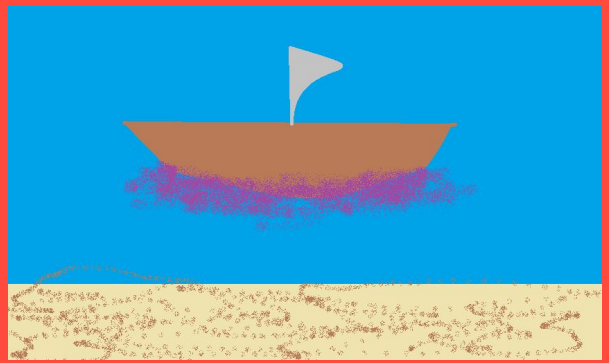
Prompt

Tiny monkey sitting in a frame toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image

Sketch to professional art

With img2img you can easily turn any simple sketch to beautiful art using a text description

Initial image



Generated image

Digital painting of a magical pirates ship floating on a purple mist cloud, over a desert, vibrant colors, 3D pixar render, delicate details, strong sun rays

Converting Styles

It is possible for you to change the style of a image by editing the prompt

Steps: 30

Starting on 30-40 will keep the main things mostly but edit the details

Original

Prompt

Color pencil drawing of a baby duck

Steps: 72

Starting on 70-90 will keep pretty much everything so use this if you want a small change

Steps: 16

Starting on 10-20 will remake the image but keep the color and shape so use this if you just like the idea of the image

The creation of a new image can sometimes be almost perfect so using img2img can recreate the original image and make it exactly what you want

Tip!
If your Lower step image looks better than your higher one then you can use img2img to recreate the better lining but getting the detail you want

Prompt

Digital art of a baby duck

Img2Img+Multi Ai Issues

Img2Img is useful for creating a variation of a image and getting similar images

First image

cherry blossom In a empty park, by Thomas Kinkade

If you wish to create a image but something isn't quite right you can use Img2Img to remake the image

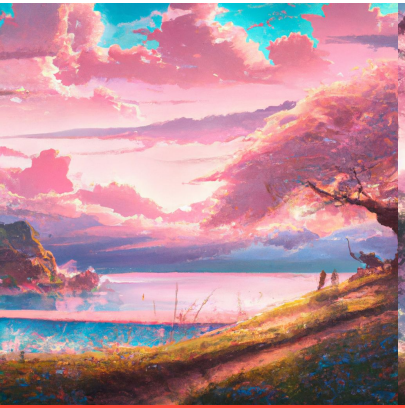
With This you can see that it changed the layout and the time of day but kept the idea of the original image

Second image

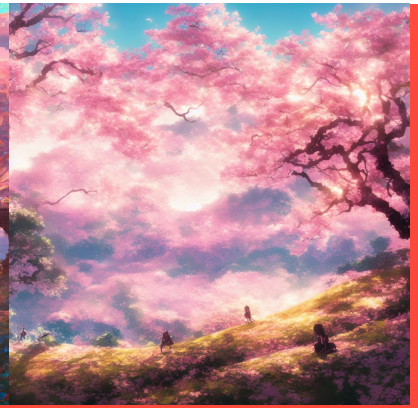
cherry blossom In a empty park, by Thomas Kinkade

Img2Img+Multi Ai Issues

Now this method may not always give what you want because dalle cannot do long prompts well



Digital art of a Cherry blossom landscape by Yoji shinkawa, by Makoto Shinkai, by Frank Frazetta



Digital art of a Cherry blossom landscape by Yoji shinkawa, by Makoto Shinkai, by Frank Frazetta

Its good at recreating faces but it also may mess up some elements in a landscape

Digital art of a bearded man around Cherry blossoms by Yoji shinkawa, by Makoto Shinkai, by Frank Frazetta

Digital art of a bearded man around Cherry blossoms by Yoji shinkawa, by Makoto Shinkai, by Frank Frazetta

Img2Img Variations Low Strength

Img2Img is useful for creating a variation of a image and getting similar images

First image

Digital art headshot of Gordon Ramsey as a demon, orange, horns, black armor, evil smile, nonhuman, By Greg Rutkowski, by Zdzisław Beksiński

At times the image at the start will be correct but not the face you want so if you use Img2Img with a low strength you can recreate the image until you get a face you like.

With This you can see that it changed the face to Gordon. The issue is that this image was the most creative but it failed to give it the right face.

Second image

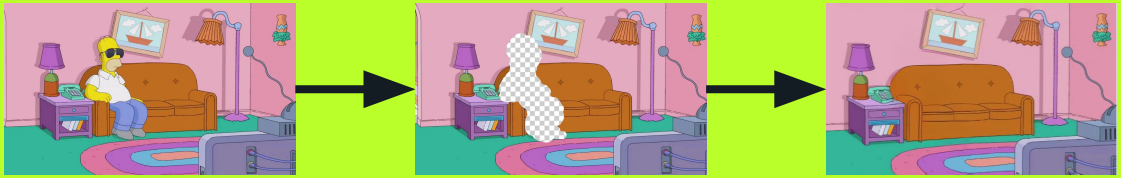
Digital art headshot of Gordon Ramsey as a demon, orange, horns, black armor, evil smile, nonhuman, By Greg Rutkowski, by Zdzisław Beksiński

OpenArt

Inpainting

This technique can be used to fix a part of an image, by completely removing or changing the subject in an image, or just fixing a small detail

Remove



Mask + Prompt: orange couch in living room, cartoon show

Change

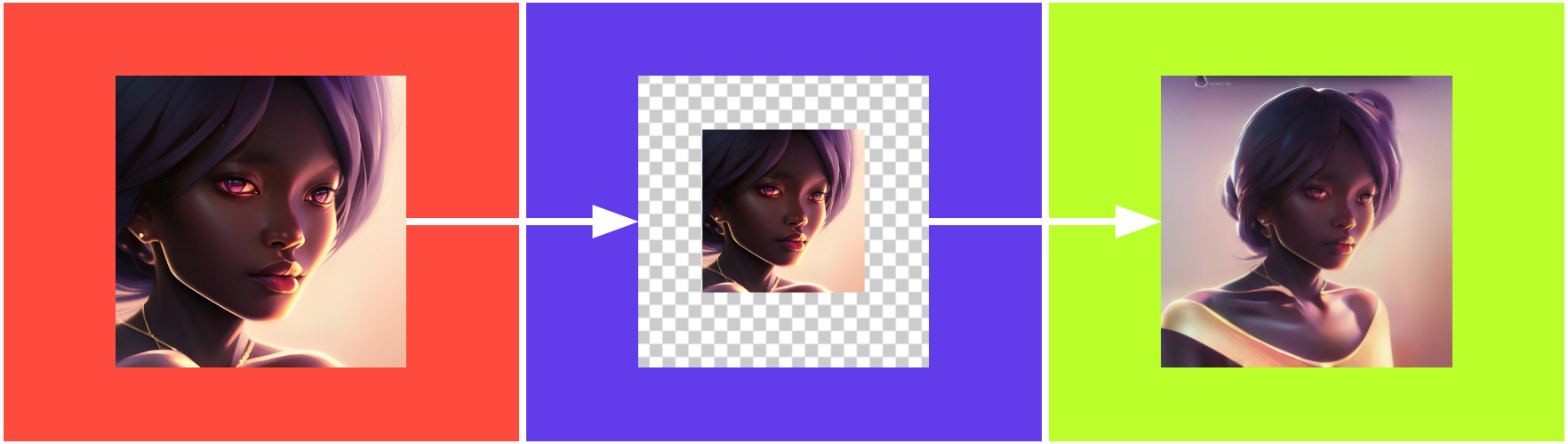
Mask + Prompt: cartoon boy eating pizza on a couch

Fix

Mask + Prompt: Photo of sunset

Outpainting/uncropping

You can use this technique to expand real/generated images, can be very useful since Stable Diffusion likes to create a lot of cropped images



Beautiful 3D rendered female

08

OpenArt Showcase

Prompt

Tiny cute boy painting himself toy, standing character, soft smooth lighting, soft pastel colors, skottie young, 3d blender render, polycount, modular constructivism, pop surrealism, physically based rendering, square image.

Prompt

Full length oil painting of gorgeous woman as a translucent arctic fox spirit| detailed face| wearing white dress| straight white hair| mythical| elegant| hyperrealism| highly detailed| intricate detailed| volumetric lighting| Ukiyo-E| by Anne Stokes and Noriyoshi Ohrai

source

Prompt

Very detailed female, steampunk city taken over by plants in the background, d & d, fantasy, with blue flowers, beautiful face, hyperrealism delicate detailed complex, sophisticated, vibrant colors, volumetric lighting, pop surrealism art by Mark Ryden and Anna Dittmann

source

Prompt

An oil painting of the autumnal equinox,a woman surrounded by autumn leaves, an airbrush painting by Josephine Wall, deviantart, psychedelic art, airbrush art, detailed painting, pre-raphaelite, 3d render, rococo art

source

Prompt

Full head and shoulders, beautiful female porcelain sculpture by daniel arsham and james jean, smooth, all white features on a white background, delicate facial features, white eyes, white lashes, detailed tangled white lillies and lillie leaves on the head, volumetric lighting

source

Prompt

Miniature cafe diorama macro photography, cafe for mice, alleyway, ambient, atmospheric, british, bokeh, romantic

source

OpenArt

Prompt

detailed miniature diorama a soviet residential building, brutalism architecture, car parking nearby, elderly man passing by, sunny day, warm and joyful atmosphere, summer, streetlamps, several birches nearby

source

Prompt

An elegant winged fairy in the lord of the rings scenery landscape, looking out at a vast lush valley flowers and homes made of mushrooms, stream, sunrise, god's rays highly detailed, vivid color, cinematic lighting, perfect composition, 8 k, gustave dore, derek zabrocki, greg rutkowski, belsinski, octane render.

source

OpenArt

Prompt

Oil painting of a fantasy treehouse by ivan shishkin and aivazovsky, highly detailed, masterpiece

source

Prompt

Landscape photography of fundatura ponorului by marc adamus, morning, mist, rays of light, beautiful

source

Prompt

A beautiful landscape at dawn by atey ghailan, ismail inceoglu, michal lisowski, artstation, volumetric light, high detail, perfect

source

OpenArt

Prompt

Kodak portra 4 0 0, wetplate, fisheye, award - winning portrait by britt marling, 1 8 8 0 s kitchen, ghost, picture frames, shining lamps, dust, smoke, 1 8 8 0 s furniture, wallpaper, carpet, books, muted colours, wood, fog, plants, flowers

source

Prompt

A monster is standing in a dimly lit hallway, terrifying visuals, horror elements, dark ambiance.

source

Prompt

High quality 3D render neo - cyberpunk very cute half fluffy! wombat!! half cyborg with headphones, mechanical paw, highly detailed, unreal engine cinematic smooth, in the style of detective pikachu, hannah yata charlie immer, neon purple light, low angle, uhd 8k, sharp focus

source

Prompt

Standing breaded chicken with a crown of a king in top of it, hyper realistic, 4k

source

End

Thanks for reading the prompt book. Please remember to share with others.

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Join our Discord server to give any feedback.