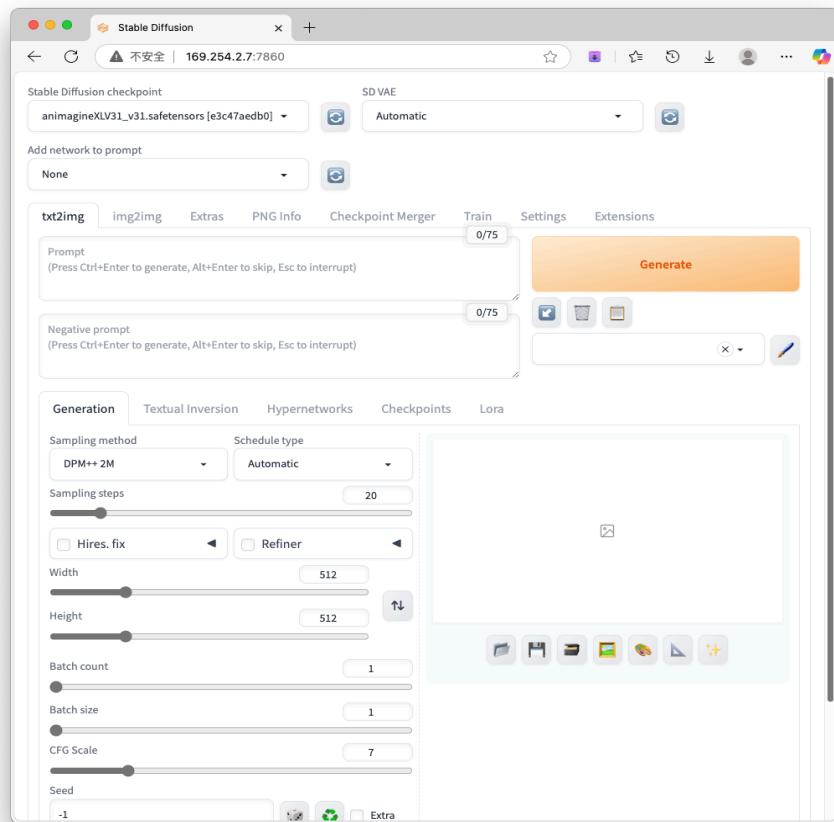


# Animagine XL V3.1 Complete Guide: Master SD WebUI Parameters & Prompt Writing (Teach You to Fish)

2025-02-03 | [Python](#) | #Words: 1502 | [中文原版](#)

Yesterday, I spent hours experimenting with Animagine XL V3.1 and realized most tutorials online only “give you fish rather than teach you how to fish.” Understandably, why share the secrets when you can make money from them? On Xianyu (a Chinese second-hand platform), some people even charge 200 yuan just to deploy Deepseek for others. Still, I want to write this article—it may not be comprehensive, but I’ll try to show you how to find resources or craft your own prompts instead of just copying and pasting.

First, here’s what the Stable Diffusion WebUI interface looks like:



CSDN @zhonguncle

Below, I’ll only introduce key or commonly used parameters (with brief explanations)—detailed demos follow later:

- **Stable Diffusion checkpoint:** The model you select. Located in [stable-diffusion-webui/models/Stable-diffusion](#).
- **Prompt:** Positive prompts—what you want to generate.

- **Width/Height:** Image dimensions. **Note:** These are linked to detail quality—smaller sizes result in fewer details.
- **Batch count:** Number of image batches. Higher values reduce generation noise.
- **Batch size:** Number of images generated per batch. Higher values require more VRAM; otherwise, speed will slow down.
- **CFG Scale:** Adherence to prompt instructions. Typically 7–12. Use 12–16 if your prompt is highly detailed. Lower values allow more creative freedom.
- **Seed:** Random seed. Save the seed if you’re satisfied with an image—adjust other parameters for consistent variations. Default `-1` = random seed.

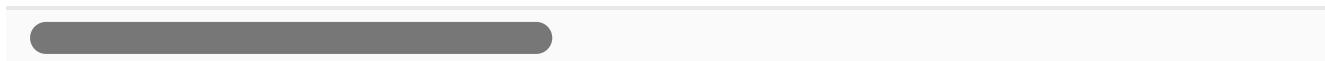
## Parameter Demos

We'll start with demos of non-prompt parameters (Prompt and Negative Prompt are more complex and covered later).

### Fixed Base Prompt

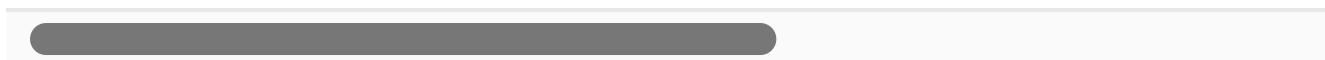
#### Positive Prompt

1girl, looking at viewer, wool coat, fur collar, smile, standing on a hillside, :



#### Negative Prompt

lowres, bad anatomy, displeasing, ugly, fewer digit, extra digit, missing finger:



### Width and Height

As mentioned, dimensions directly impact detail quality. Compare 512x512 vs. 1024x1024 (Seed: 3503979678, Sampling steps: 20, CFG Scale: 7):



The detail gap is striking.

Dimensions also affect composition. Compare 512x1024, 1024x1024, and 1024x2048:



## Pro Tip for Dimensions

Since SD is trained on 1024x1024 images, results are best when (Width + Height) is a multiple of 1024. Recommended aspect ratios:

- 1:1: 1024x1024, 768x768
- 3:2: 1152x768
- 2:3: 768x1152
- 4:3: 1152x864

- 9:16: 768x1360

## Sampling Steps

---

Sampling steps enhance detail. 30–40 steps are sufficient for most cases:

- Use 20 steps if either dimension is below 1024.
- Use ~35 steps for 1024+ dimensions.

Demo with Sampling steps increased to 35 (same base parameters):



Notice more facial/background details and richer color gradients—zoom in on the hair for a clearer comparison.

## Batch Count and Batch Size

---

- **Batch count:** Number of batches.
- **Batch size:** Number of images per batch.

**Important Note:** Even with a fixed seed, Batch count and Batch size will increment the seed. For example, the 4 images below use seeds 3503979678~3503979681.

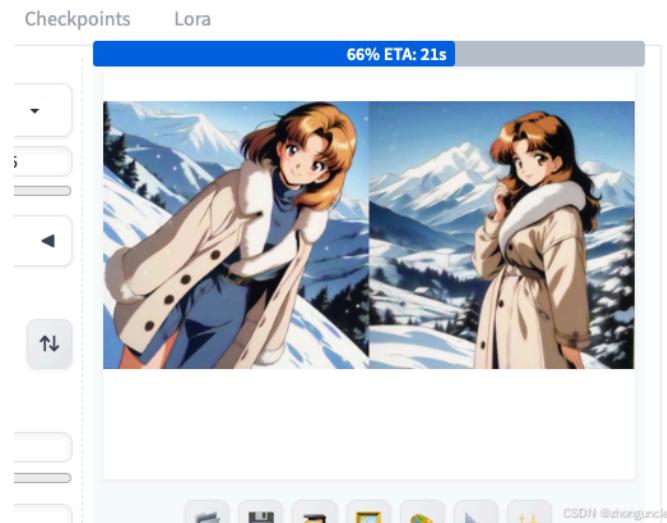
### Demo 1: Batch count = 4, Batch size = 1

Generated images:



## Demo 2: Batch count = 1, Batch size = 2

Images generate simultaneously:



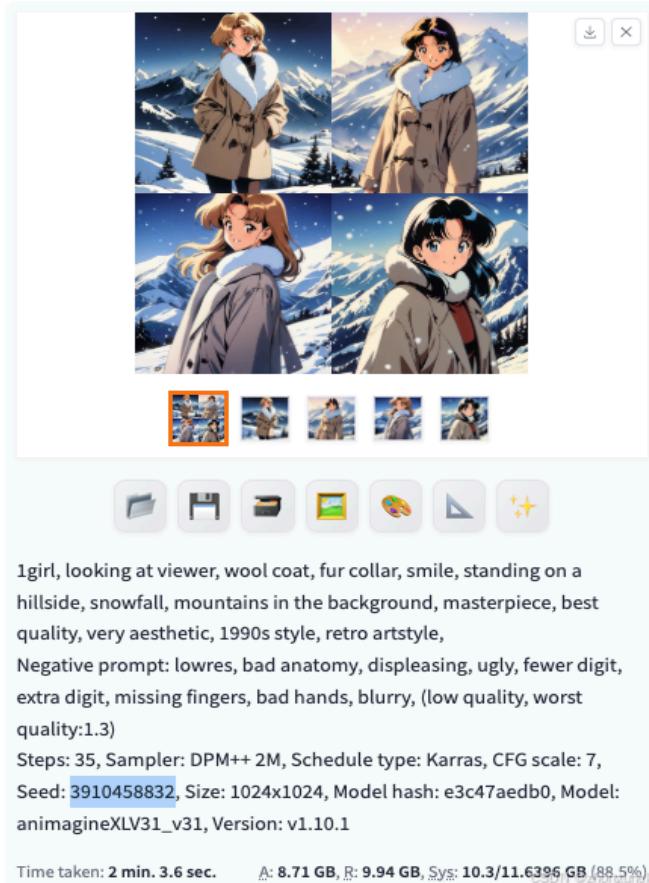
Generated images:



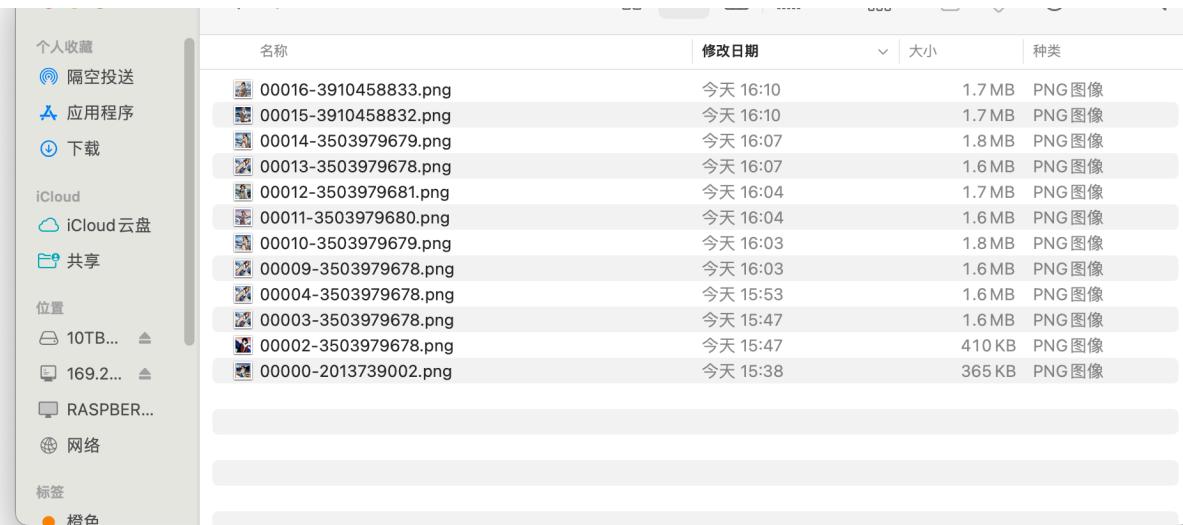
**Seed**

## How to View the Seed

1. After generation, the seed is displayed below the image:



1. The seed is also included in the filename in [stable-diffusion-webui/output](#) —easy to retrieve later:



CSDN @zhonguncle

## Demo: Seed Variations

Images with larger seed gaps show more significant differences:



## Prompt and Negative Prompt

These are the most critical components. Let's break down the base prompts and explore advanced usage.

## Base Prompt Analysis

1girl, looking at viewer, wool coat, fur collar, smile, standing on a hillside, :



Covers: Character (1girl), pose (looking at viewer), clothing (wool coat, fur collar), expression (smile), setting (standing on a hillside, snowfall, mountains), quality (masterpiece, best quality), and style (1990s style, retro artstyle).

## Negative Prompt Breakdown

This is my go-to Negative Prompt for most scenarios:

lowres, bad anatomy, displeasing, ugly, fewer digit, extra digit, missing finger:



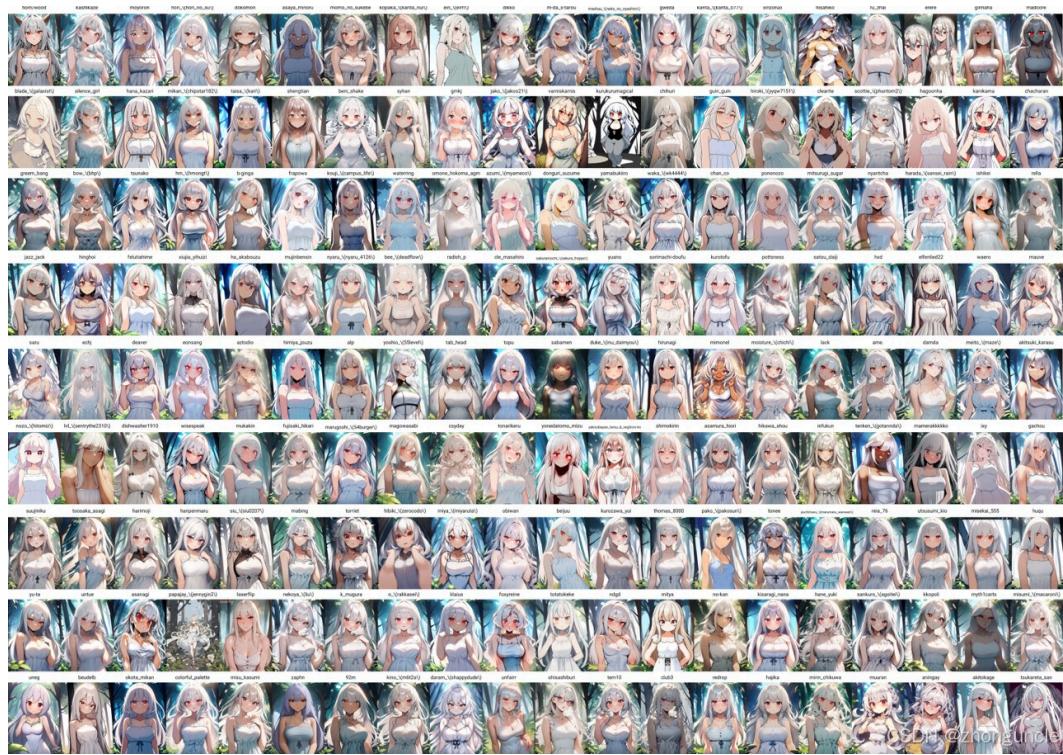
Targets: Low resolution (lowres), anatomical errors (bad anatomy), unpleasant/ugly details, digit abnormalities (fewer/extramissing fingers), bad hand rendering (bad hands), blurriness, and low quality (amplified by 1.3x weight).

## Artist Style Prompts

Animage XL V3.1 supports style specification in two ways:

1. General styles (e.g., `1990s style, retro artstyle`).
2. Artist-specific styles: Add `(Artist Name:1.3)` to the prompt (1.3x weight amplifies the style).

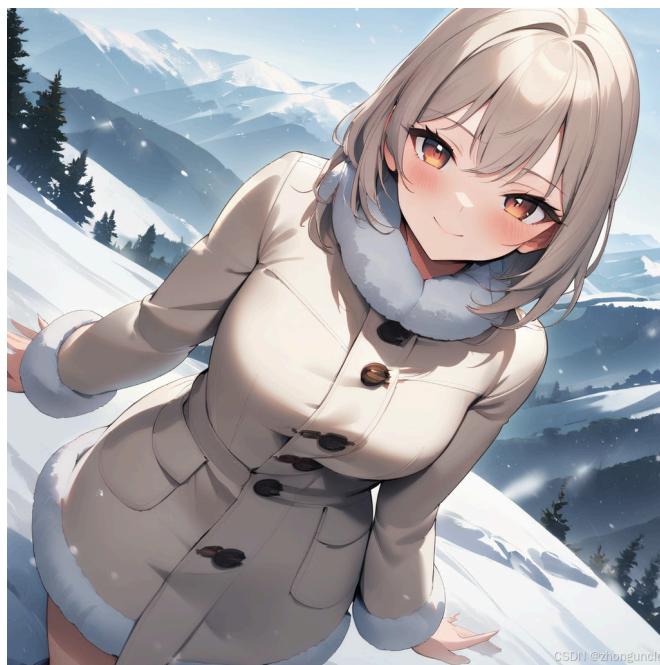
A comprehensive list of compatible artists is available here: [Animage XL v3.1 - Artists' Style Sheet](#). Example snippet:



## Demo 1: Artist “tinnies”

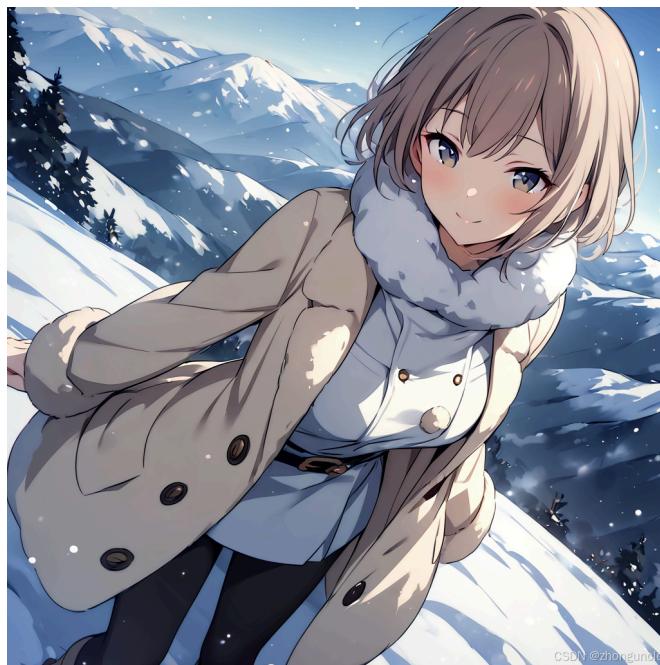
1girl, looking at viewer, wool coat, fur collar, smile, standing on a hillside, :

Generated image:



## Demo 2: Artist “sekina”

Generated image:



CSDN @zhonguncle

## Teach You to Fish: Danbooru Tags

### What Are Danbooru Tags?

Notice how prompts use short phrases (not full sentences)? [Danbooru tags](#) is a community-driven database of tags covering styles, poses, expressions, objects, and more (note: contains NSFW content).

 [Danbooru](#)

[Login](#) [Posts](#) [Comments](#) [Notes](#) [Artists](#) [Tags](#) [Pools](#) [Wiki](#) [Forum](#) [More »](#)

[Search wiki pages](#) [Search](#) [Changes](#) [Help](#) | [Posts \(0\)](#) [History](#)

**Recent Changes (all)**

- [brellom](#)
- [amptalkxcolors](#)
- [matane tano](#)
- [knight a](#)
- [strawberry prince](#)
- [chrono reverse](#)
- [tarot](#)
- [urumiya](#)
- [shino \(chrono reverse\)](#)
- [kaname \(chrono reverse\)](#)
- [charlo \(chrono reverse\)](#)
- [arkhe](#)
- [amayume remu](#)
- [chongyue \(arknights\)](#)
- [mioto \(cookie\)](#)
- [i-36 \(kancolle\)](#)
- [namusanbou](#)
- [bang dream! it's mygo!!!!](#)
- [anon tokyo \(bang dream!\)](#)
- [chihaya anon](#)
- [ironmouse \(cosplay\)](#)
- [i-19 \(kancolle\)](#)
- [dream academy school uniform](#)
- [i-8 \(kancolle\)](#)
- [tsuki ni yorisou otome no sahou](#)

**tag groups**

[Table of Contents](#)

**Intro**  
This is a list of wikis that are themselves lists of tags.  
Oftentimes, a tag is listed in multiple pages, or in multiple sections of the same page, for better navigation.

**Visual characteristics**

**Image composition and style**

- Tag group:Artistic license
- Tag group:Image composition
  - Tag group:Backgrounds
  - Tag group:Censorship
  - Tag group:Colors
  - Tag group:Focus tags
  - Tag group:Lighting
  - Tag group:Prints
  - List of style parodies
- Tag group:Patterns
- Tag group:Symbols
- Tag group:Text
- Tag group:Year tags

**Body**

- Tag group:Body parts

[Options](#) [Tag History](#)

CSDN @zhonguncle

For example, the tag [flustered](#) (described as “embarrassed/nervous”) includes visual examples:

**Danbooru**

[Login](#) [Posts](#) [Comments](#) [Notes](#) [Artists](#) [Tags](#) [Pools](#) [Wiki](#) [Forum](#) [More >](#)

Search wiki pages [Search](#) [Changes](#) [Help](#) | Posts (3598) History

**Recent Changes (all)**

- brellom
- amputadorz
- mabane tano
- knight a
- strawberry prince
- chrono reverse
- tarot
- sumiya
- shiro (chrono reverse)
- kaname (chrono reverse)
- chario (chrono reverse)
- arkhe
- amayume remu
- chongye (arknights)
- micro (kancolle)
- i-36 (kancolle)
- namusahouji
- bang dream! it's myo!!!!
- anon tokyo (bang dream!)
- chihaya anon
- ironman (cosplay)
- i-19 (kancolle)
- dream academy school uniform
- i-8 (kancolle)
- tsuki ni yorisou otome no sahou

**See also**

- confused
- embarrassed
- frustrated
- nervous
- shy
- panicking
- rejected kiss
- surprise hug
- surprise kiss

**Posts**

Terms / Privacy / Upgrade / Contact / [Twitter](#) [Facebook](#)

CSDN @zhonguncle

## How to Use Danbooru Tags

Let's demo with expressions and backgrounds:

### Demo 1: Expression Swap (Smile → Flustered)

Change `smile` to `flustered` (I think this translates better to “shy” than “flustered” based on examples):



The expression clearly shifts to shy/embarrassed.

### Demo 2: Background Swap (Mountains → City Street)

Replace `standing on a hillside, mountains in the background` with `city street in the background`:

Generated image (correct background):



Generated image (forgot to remove **standing on a hillside**—inconsistent composition):



Explore more prompts by browsing Danbooru tags and experimenting on your own!

I hope these will help someone in need~

Write

Preview

Sign in to comment

 Styling with Markdown is supported

 Sign in with GitHub

