Image Generation using ComfyUI with Flux

Setting up ComfyUI and loading the dreamshaper checkpoint model for generating an image:

A screenshot of a computer

Description automatically generated

Setting up the Flux Dev Model and adjusting the parameters in the nodes in the workflow:

A screenshot of a computer

Description automatically generated

Time taken for generating the images:

A screenshot of a computer

Description automatically generated

**Prompts Examples and results:**

**Prompt**:  
Hyper-realistic image of a orange neonatal kitten trying to open its eyes to see it's mom with high definition fur and whiskers. The image lighting should be soft and the background should be of a alley in a city

**Image resolution** – 200 x 200

**Comment –** Lower the resolution for faster image generation

**Image**:

A cat sitting on a bench

Description automatically generated

**Prompt**:

Hyper-realistic image of a orange neonatal kitten trying to open its eyes to see it's mom with high definition fur and whiskers. The image lighting should be soft and the background should be of a alley in a city

**Image Resolution**:1024 x 1024

**Image**:

A kitten sitting on a brick road

Description automatically generated

**Prompt**:

hyper-realistic image of a silver british short hair neonatal kitten trying to meow for the first time for food holding its paw up. High definition fur and whiskers. The image lighting should be little dark and the background should be of a dystopian city.

**Image Resolution**:512 x 512

**Image**:

A white kitten with blue eyes

Description automatically generated

**Prompt**:

hyper-realistic image of a silver british short hair neonatal kitten trying to meow for the first time for food holding its paw up. High definition fur and whiskers. The image lighting should be little dark and the background should be of a dystopian gothic city. The background shouldnt be blurred. The kitten has a collar around it's neck which spells 'Silver'.

**Comment** – Tried to check the spelling efficiency of the model

**Image resolu**tion: 512 x 512

**Image**:

A white kitten with its paw up

Description automatically generated

**CLASSY CAT CHRONICLES:**

**Creating a Character Book: *The Classy Cat Chronicles* Using FLUX in ComfyUI**

In this chapter, we’ll explore how to create a character-centric book titled *The Classy Cat Chronicles* using FLUX in ComfyUI, an advanced image generation tool. We will guide you through the process of conceptualizing your character, designing visuals, and building a cohesive narrative. Whether you’re crafting a playful children’s tale or an elegantly illustrated book for a wider audience, FLUX provides the flexibility to bring your ideas to life. This chapter will also highlight the steps to create consistent, high-quality images for your book, and offer tips for using the FLUX model in a streamlined workflow.

**Conceptualizing *The Classy Cat Chronicles***

The first step in creating your character-based book is to define the core concept behind *The Classy Cat Chronicles*. This includes identifying the audience, tone, and style of both the character and the overall story.

**Defining the Purpose and Audience**

Consider the following to shape your concept:

* **Who is your target audience?** Is your book designed for children, adults, or a mix of both? Understanding your audience will help determine the complexity and style of the illustrations.
* **What is the purpose of the book?** Is it meant to be an adventurous, whimsical tale for entertainment, or a sophisticated character exploration? The purpose will influence the themes and tone.
* **What artistic style are you aiming for?** FLUX excels at rendering both realistic and cartoonish styles. Decide whether *The Classy Cat Chronicles* will be more formal with elegant, refined visuals, or lighthearted with playful designs.

**Example Concept**:

* **Target Audience**: Children and young adults
* **Purpose**: Entertaining and whimsical adventures of a classy, well-dressed cat
* **Style**: Elegant yet cartoonish, with vibrant colors and detailed backgrounds

**Designing Classy Cat**

**Character Design and Personality**

Classy Cat is the centerpiece of your book, so careful attention to its design is essential. Think about the cat's attire, personality, and the world it inhabits. The cat’s sophisticated appearance—complete with a suit, top hat, and monocle—gives the character a sense of grace, while its expressions and posture can add humor and charm.

* **Wardrobe**: Classy Cat’s signature navy blue suit, white shirt, red tie and hat should be consistent throughout, but you can play around with accessories to show different sides of the character. For example, in some scenes, you might add a cane or a pocket watch for extra flair.
* **Expressions and Mannerisms**: To create a more dynamic character, vary the cat’s expressions. Classy Cat could be portrayed as inquisitive in one scene, confidently smug in another, or thoughtfully sipping tea in a third.
* **Setting**: The backgrounds should complement Classy Cat’s refined nature. Think of luxurious settings like a grand library, a ballroom with chandeliers, or a Victorian-style study filled with elegant decor.

**Scene Ideas for FLUX**:

1. Classy Cat tipping its hat and smiling while strolling through a lush garden.
2. Classy Cat seated in a high-backed chair, having tea in a grand library with golden decor.
3. Classy Cat solving a mystery with a magnifying glass in hand, surrounded by antique objects.

**Prompt:**Hyper-realistic image of a brown Scottish-fold cat standing upright, dressed in a tailored dark navy blue suit with a crisp white shirt and a burgundy silk tie. The cat is wearing a stylish fedora hat tilted slightly to the side, adding a touch of elegance. Its fur is sleek and well-groomed, and it has a confident, charming expression. The background is a classy, softly lit study room with wooden bookshelves and vintage decor. Below the cat, elegantly scripted in gold lettering, the words 'Classy Cat Chronicles' are written, complementing the refined atmosphere

**Image resolution –** 512 x 512

**BasicSchedular steps** – 20

**Image:**

A cat wearing a suit and tie

Description automatically generated

**Time taken for Generation –** 1577.29 seconds

**Comment –** The image did not reflect the wordings mentioned in the prompt.

**Prompt:**

hyper-realistic image of a brown Scottish-fold cat standing upright, dressed in a tailored dark navy blue suit with a crisp white shirt and a burgundy silk tie. The cat is wearing a stylish fedora hat tilted slightly to the side, adding a touch of elegance. Its fur is sleek and well-groomed, and it has a confident, charming expression. The background is a classy, softly lit study room with wooden bookshelves and vintage decor. Below the cat, elegantly scripted in gold lettering, the words 'Classy Cat Chronicles' are written, complementing the refined atmosphere

**Image resolution –** 512 x 512

**BasicSchedular steps** – 20

**Image:**

A cat in a suit and tie

Description automatically generated

**Time taken for Generation –** 1918.56 seconds.

**Comment –** The image didn’t reflect the writing properly. The cat isn’t doesn’t seem to look like a Brown scottish fold (Image for reference)



**Changing the prompt slightly to achieve better results:**

**Prompt:**

hyper-realistic cartoon image of a brown Scottish-fold cat standing upright, dressed in a tailored dark navy blue suit with a crisp white shirt and a burgundy silk tie. The cat is wearing a stylish fedora hat tilted slightly to the side, adding a touch of elegance. Its fur is sleek and well-groomed, and it has a confident, charming expression. The background is a classy and of vintage decor. Below the cat, elegantly scripted in gold lettering are the words "Classy Cat Chronicles"

**Image resolution –** 512 x 512

**Image:**

A cat in a suit

Description automatically generated

**Time taken for Generation –** 1873.53 seconds.

**Comment –** The Image still doesn’t mention the entire wordings mentioned correctly.

**Prompt:**Cartoon image of a brown Scottish-fold cat standing upright and drinking tea, dressed in a tailored dark navy blue suit with a crisp white shirt and a burgundy silk tie. The cat is wearing a stylish fedora hat tilted slightly to the side, adding a touch of elegance. Its fur is sleek and well-groomed, and it has a confident, charming expression. . Below the cat, elegantly scripted in gold lettering are the words "Classy Cat Chronicles"

**Image resolution –** 400 x 400

**BasicSchedular steps** – 20

**Image:**

A cartoon of a cat in a suit and tie holding a cup

Description automatically generated

**Time taken for Generation –** 1236.94 seconds.

**Comment –** The writing is still not that legible and the cat is still not a Scottish fold brown cat. The having Tea aspect is portrayed.

Trying with a Simpler Prompt:

**Prompt:**

A classy, cartoon-style brown colored cat of breed Scottish-fold wearing a suit, top hat, and monocle, standing confidently in front of a grand library. The title 'Classy Cat Chronicles' is displayed in elegant, golden letters at the top.

**Image resolution –** 400 x 400

**BasicSchedular steps** – 20

**Batch\_Size –** 4

**Image:**

A cartoon of a cat wearing a suit and top hat

Description automatically generated

Cartoon cat wearing a suit and tie

Description automatically generatedA cartoon of a cat wearing a suit and sunglasses

Description automatically generatedA cat wearing a suit and glasses

Description automatically generated

**Time taken for Generation –** 3157.63 seconds.

**Comment –** None of the images had the words written in them.

**Illustrating the Adventures of the Classy Cat:**

**Prompt:**  
Create detailed, elegant yet playful illustrations of the classy cat in various adventurous scenes. For example, one scene can show Classy Cat seated at a grand Victorian tea table, delicately sipping tea from a porcelain cup, with ornate china and silverware laid out. In another illustration, have Classy Cat exploring a grand, dimly lit mansion, with high arched ceilings, marble floors, and portraits hanging on the walls, casting curious glances at old artifacts or mysterious doorways. In a third illustration, depict Classy Cat solving a mystery, using a magnifying glass to inspect clues in a cluttered, old study with a roaring fireplace and shelves full of books. Each background should be richly detailed to complement the scene, incorporating luxurious furniture, vintage decor, and atmospheric lighting to add depth to the narrative. Keep the tone light-hearted and whimsical, with Classy Cat maintaining a charming, confident expression throughout.

**Image resolution –** 216 x 216

**BasicSchedular steps** – 20

**Batch\_Size –** 3

**Image:**

A cat sitting at a table with cups and tea cups

Description automatically generated A cat sitting at a table

Description automatically generatedA cat sitting at a table with cups and saucers

Description automatically generated

**Time taken for Generation –** 1528 seconds

**Comments –** Even when presented with multiple scenarios within a prompt, the images are only of the classy cat having Tea.

**Creating website designs for the Classy Cat Chronicles:**

**Prompt:**

Create a visually appealing website design for Classy Cat Chronicles, featuring the main cartoon character, Classy Cat. The design should have a playful yet sophisticated theme, with a sleek layout and vibrant colors. The homepage should prominently feature Classy Cat in various playful poses—tipping its hat, reading a book, or holding a monocle. Surround Classy Cat with elegant elements like vintage chandeliers, leather armchairs, and antique bookcases to evoke a sense of class and refinement. The website should also include sections with illustrated frames, whimsical typography for titles like 'Meet Classy Cat,' and a scrolling feature with subtle animations as users navigate through the content. The overall aesthetic should combine luxury and humor, suitable for both children and adults.

**Image resolution –** 512 x 512

**BasicSchedular steps** – 25

**Image:**

A cartoon cat sitting on a table

Description automatically generated

**Time taken for Generation –** 2138.95 seconds

**Comments –** The website design looks good. However, the words aren’t legible.

**Issues to Tackle:**

1. Generate consistent character images
2. Generating accurate text on the images:

* Overlaying
* Finetuning