Neural Style Transfer: Transform Your Images with AI

Welcome to the **Neural Style Transfer** project! 🚀 This application allows you to blend the artistic style of one image with the content of another using deep learning. Based on a pre-trained model from TensorFlow Hub, the app applies **artistic filters** to photos in a way that mimics famous painters or any other chosen style.

How It Works

- Upload a **content image** (e.g., a portrait or landscape).
- Upload a **style image** (e.g., a painting or artistic texture).
- Click **"Apply Style Transfer"**, and the model will generate a unique fusion of both images.
- You can also **swap images** to see how the results change.
- Once you're satisfied, download your **stylized masterpiece** in high quality! 🎨✨

This project demonstrates the power of **convolutional neural networks (CNNs)** in creative AI applications. Try it out and turn your photos into works of art!

First, choose a content image and a style image.

Next, click the Apply Style Transfer button
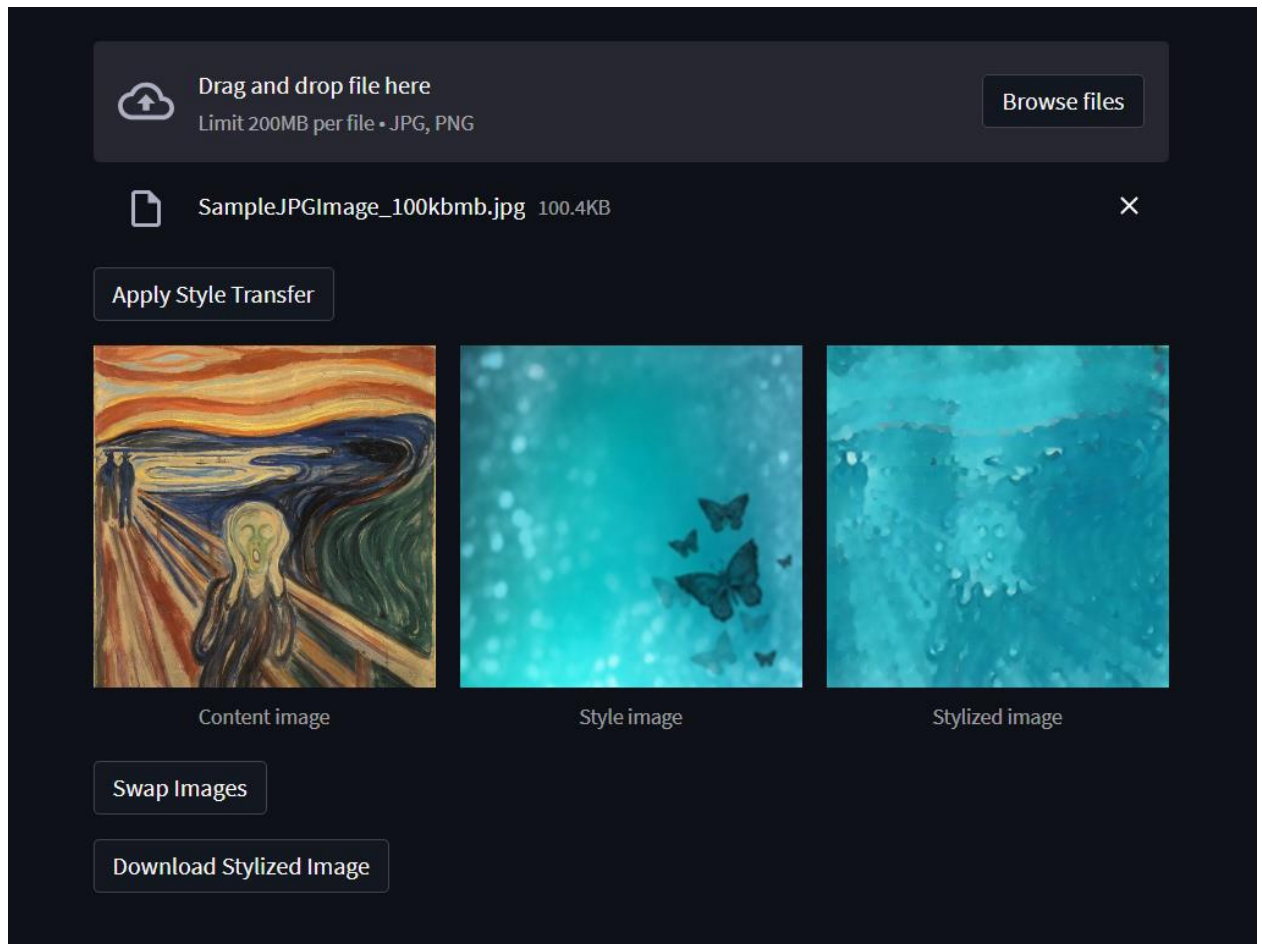
We get a content image, a style image, and a stylized image. After that, we can swap the images by clicking the Swap Images button
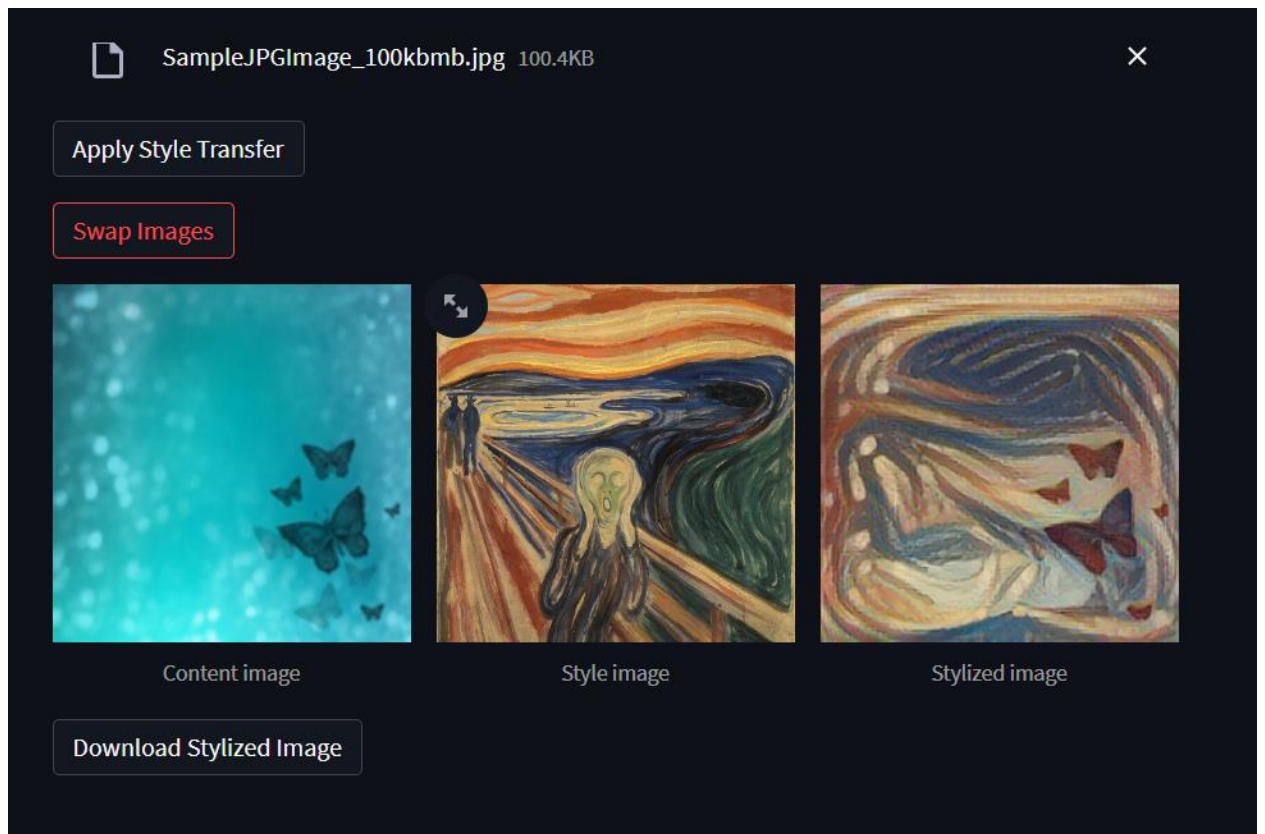
When we have the result, we can download our stylized image to our local computer