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## **Generating Images and adding various effects to it.**

The code uses two images and blends it in different styles and gives different shading to it.

The PIL has inbuilt various methods which gives different output result for the images.

In the code I have first blended the two images and then applied the PIL inbuilt various Image merging and filtering methods. Then I gave the watermark to each of these image files, the text written by watermark names the effect of the image and value of alpha and then saved it to the same location.

In my code 20 different images is being generated showing different effects uses the inbuilt methods of PIL.

Different Blending used for image

- Simple Blending of two Image
- Color Blending with simple blended Image
- Color Inversion of two blended image

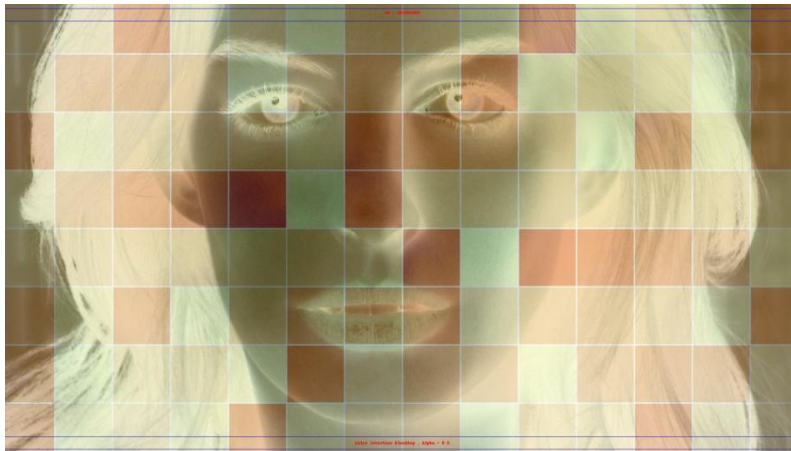
Filter used for blended image generated by blending of two images.

- Rank Filter
- UnsharpMask Filter
- Min Filter
- Max Filter
- Median Filter
- Mode Filter

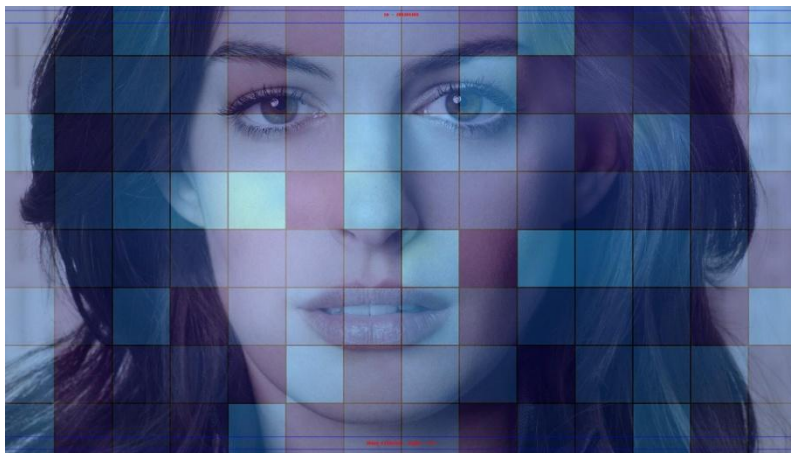
More Image Enhancement Filters used

- Blur
- Gaussian Blur
- Contour
- Detail
- Edge Enhance
- Edge Enhance More
- Find Edges
- Emboss
- Smooth
- Smooth More
- Sharp

Running of the code generates 20 images with different results as output in the same folder containing the code. It also requires 2 images mentioned in the code.



**Color inverted image**



**Sharp Filtered Image**

The Red text on the image is the watermark whose function is implemented in the code