

```
import numpy as np
import cv2
from google.colab.patches import cv2_imshow

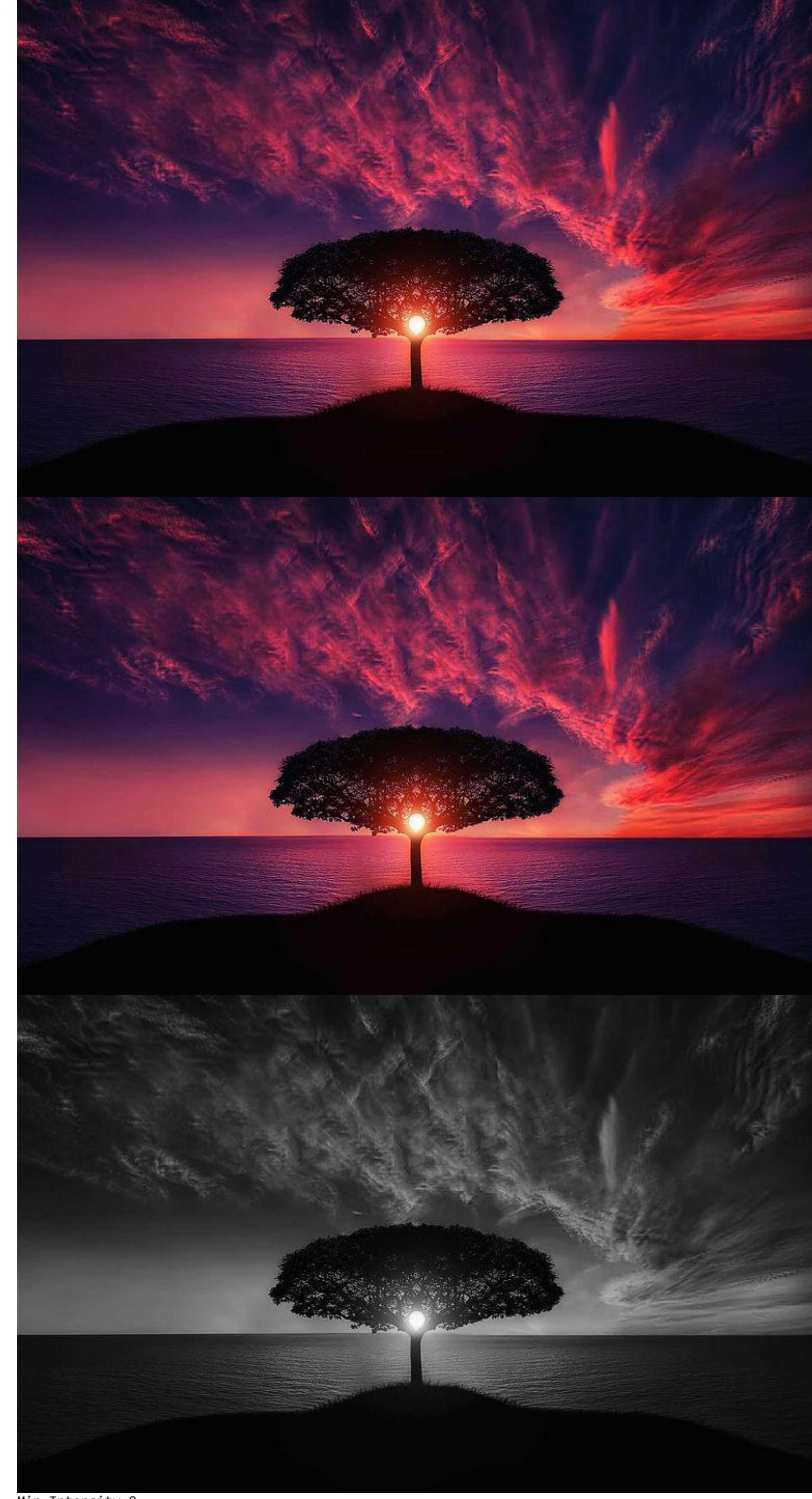
img=cv2.imread("/content/Image.png")

cv2_imshow(img)

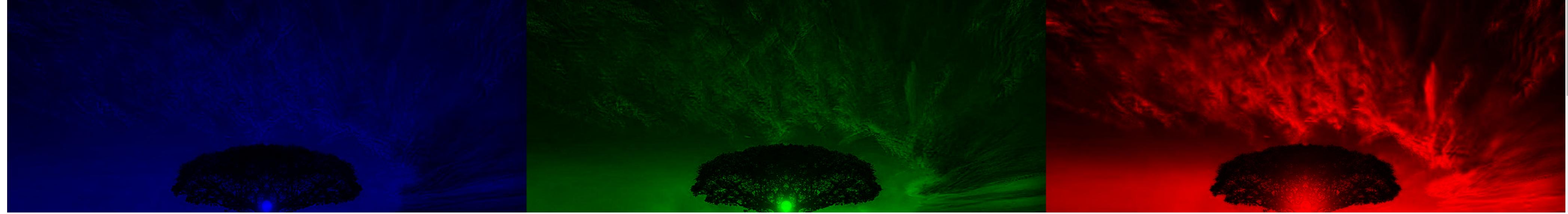
gray = cv2.cvtColor(img, cv2.COLOR_BGR2GRAY)
cv2_imshow(img)
cv2_imshow(gray)

smallest = np.amin(img)
biggest = np.amax(img)
print("Min Intensity",smallest)
print("Max Intensity",biggest)

img_R, img_G, img_B = img.copy(), img.copy(), img.copy()
img_R[:, :, (1, 2)] = 0
img_G[:, :, (0, 2)] = 0
img_B[:, :, (0, 1)] = 0
img_rgb = np.concatenate((img_R,img_G,img_B), axis=1)
cv2_imshow(img_rgb)
```



Min Intensity 0
Max Intensity 255



```
from PIL import Image

image = Image.open("/content/Image.png")

width, height = image.size
print ("Dimensions:", image.size, "Total pixels:", width * height)
Dimensions: (771, 480) Total pixels: 370080

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```
b,g,r = cv2.split(img)
cv2_imshow(b)
cv2_imshow(g)
cv2_imshow(r)
```

