gradient\_color = cv2.applyColorMap(normalized\_tensor.numpy(), cv2.COLORMAP\_HOT)

gradient\_color = gradient\_color / 255.0

super\_imposed = cv2.addWeighted(img, 0.5, gradient\_color, 0.5, 0.0)

plt.figure(figsize=(8, 8))

plt.imshow(super\_imposed)

plt.axis('off')

plt.show()