```
import numpy as np
#for import img
from skimage import io


god_img = io.imread('god.jpg')
print(god_img)
```

```
[[[57 26 23]
  [47 16 13]
  [55 24 21]
  ...
  [42 14 10]
  [39 11  7]
  [39 11  7]]

 [[64 33 30]
  [50 19 16]
  [53 22 19]
  ...
  [42 14 10]
  [39 11  7]
  [39 11  7]]

 [[67 36 33]
  [50 19 16]
  [51 17 15]
  ...
  [42 14 10]
  [39 11  7]
  [39 11  7]]

 ...

 [[20  4  0]
  [24  8  0]
  [26  8  0]
  ...
  [63 31 20]
  [70 38 27]
```

```
       [71 39 28]]

      [[27 10  0]
       [36 19  1]
       [46 28  8]
       ...
       [57 25 14]
       [64 32 21]
       [61 29 18]]

      [[49 31 11]
       [64 46 26]
       [84 66 44]
       ...
       [64 32 21]
       [69 37 26]
       [65 33 22]]]
```

```
print(god_img.ndim)
```

```
3
```

```
#(640,640,3) ---> 3 means it's a color img R G B, and dimens
print(god_img.shape)
```

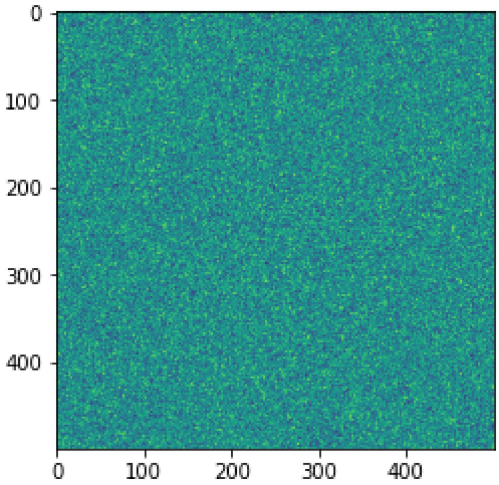
```
(640, 640, 3)
```

```
#pixel value of every img is 0 to 255
#min and max pixel value
print(god_img.min(),god_img.max())
```

```
0 255
```

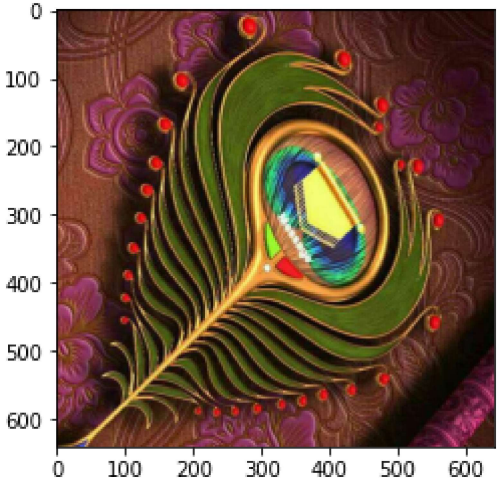
```
import matplotlib.pyplot as plt
rand_img = np.random.random([500,500])
#rand_img dimension is 500 x 500
plt.imshow(rand_img)
```

```
<matplotlib.image.AxesImage at 0x7f4f9a0d7390>
```



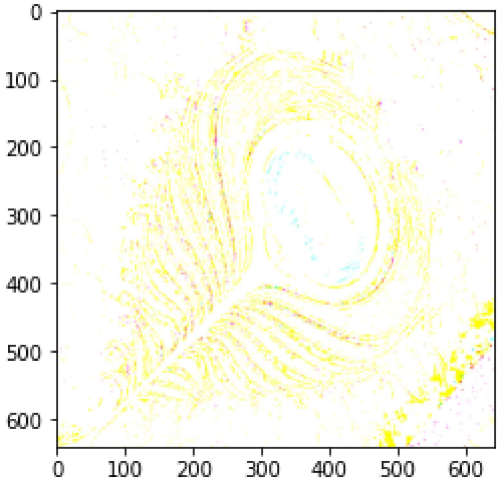

```
#god_img dimension is 640 x 640
plt.imshow(god_img)
```

```
<matplotlib.image.AxesImage at 0x7f4f99048910>
```



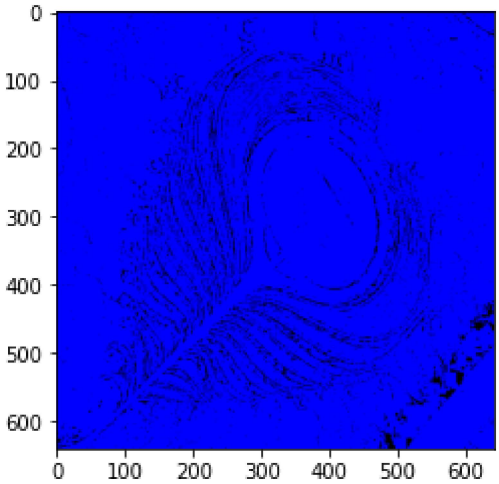

```
dark_img = god_img * 0.5
plt.imshow(dark_img)
```

```
Clipping input data to the valid range for imshow with
<matplotlib.image.AxesImage at 0x7f4f98fb5f90>
```

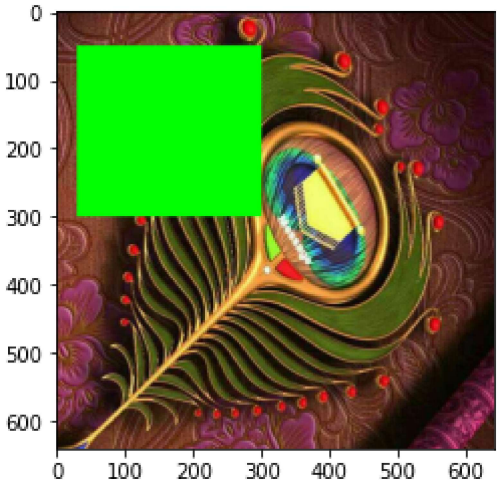



```
import matplotlib.pyplot as plt
blue_img = god_img * [0.,0.,1.]
plt.imshow(blue_img)
```

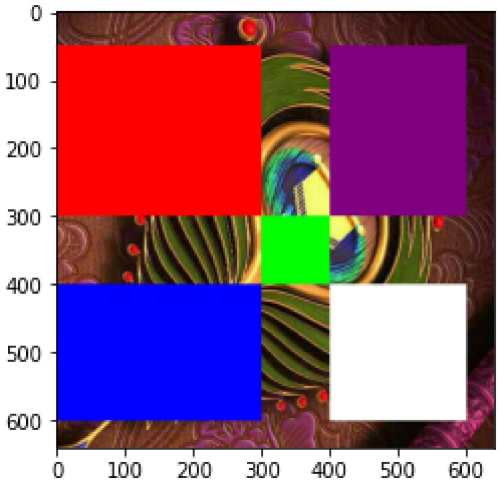
```
Clipping input data to the valid range for imshow with
<matplotlib.image.AxesImage at 0x7f4f9a5cf9d0>
```



```
#you can change some portion color of your img
#in my case i change 50th row to 300row and 50th coulmn to 3
#god_img[row,column,color]
god_img[50:300,30:300,:] = [0,255,0]
plt.imshow(god_img)
plt.savefig('greenportion.jpg')
```




```
god_img[50:300,0:300,:] = [255,0,0] #red
god_img[300:400,300:400,:] = [0,255,0] #green
god_img[400:600,0:300,:] = [0,0,255] #blue
god_img[50:300,400:600,:] = [128,0,128] #purple
god_img[400:600,400:600,:] = [255,255,255] #white
plt.imshow(god_img)
plt.savefig('multicolor.jpg')
```



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