

#ret #hw #incomplete

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## 1 | Forensics!

forensics.

stegsolve, try at home. tried janky implimentation of lsb, outputs nonsense.

```
from PIL import Image
import base64
im = Image.open('./fc13_images_pkg1/IMG_0447.png')
pixels = list(im.getdata())
bs = ''

def bits2a(b):
    # return ''.join(chr(int(''.join(x), 2)) for x in zip(*[iter(b)]*8))
    return str(base64.b16decode(hex(int(b, base=2))[2:],casefold=True))[2:-1]

for i in pixels:
    for j in i[:3]:
        bs += bin(j)[-1]

print(bits2a(bs))
```

perhaps look at solutions, or look for help from other people. #review