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## Description

Files can always be changed in a secret way. Can you find the flag? Cat.jpg *Hints:* 

- Look at the details of the file
- Make sure to submit the flag as picoCTF{XXXXX}

I downloaded the image file, used **strings** tool together with grep "**pico**" but i found nothing.

I went ahead examining the files metadata using **exiftool** and came across something that appeared to be a base64 encoding.

```
-(kali®kali)-[~/Downloads]
$ exiftool -e cat.jpg
ExifTool Version Number
                                : 12.76
File Name
                                : cat.jpg
Directory
                                : 878 kB
File Size
File Modification Date/Time : 2025:01:13 15:08:01+00:00
File Access Date/Time
                               : 2025:01:13 15:07:57+00:00
File Inode Change Date/Time
                               : 2025:01:13 15:08:01+00:00
                               : -rw-rw-r--
File Permissions
                                : JPEG
File Type
                               : jpg
: image/jpeg
File Type Extension
MIME Type
JFIF Version
                               : 1.02
Resolution Unit
                               : None
X Resolution
r kesolution : 1
Current IPTC Digest : 7a78f3d9cfb1ce42ab5a3aa30573d617
Copyright Notice : PicoCTE
Application Record Version
XMP Toolkit
                               : Image::ExifTool 10.80
License
                               : cGljb0NURnt0aGVfbTN0YWRhdGFfMXNfbW9kaWZpZWR9
Rights
                               : PicoCTF
                               : 2560
Image Width
                               : 1598
Image Height
                               : Baseline DCT, Huffman coding
: 8
Encoding Process
Bits Per Sample
Color Components
                                : YCbCr4:2:0 (2 2)
Y Cb Cr Sub Sampling
   (kali⊛kali)-[~/Downloads]
```

I then decoded the strings on my machines terminal and found the flag.