picoCTF extensions

Points: 150.
Description: This is a really weird text file TXT? Can you find the flag?
Link: https://play.picoctf.org/practice/challenge/52?category=4&page=1

drew@ubuntu:~/pico$ wget
https://jupiter.challenges.picoctf.org/static/e7e5d188621ee705ceeb0452525412ef/flag.txt

drew@ubuntu:~/pico$ file flag.txt
flag.txt: PNG image data, 1697 x 608, 8-bit/color RGB, non-interlaced

drew@ubuntu:~/pico$ xxd flag.txt | head
00000000: 8950 4e47 0d0a 1a0a 0000 000d 4948 4452 .PNG........IHDR
00000010: 0000 06a1 0000 0260 0802 0000 0085 ad5e ....`.......^
00000020: 9a00 0000 0173 5247 4200 aece 1ce9 0000 .....sRGB.......
00000030: 0004 6741 4d41 0000 b18f 0bfc 6105 0000 ..gAMA......a...
00000040: 0009 7048 5973 0000 1625 0000 1625 0149 ..pHYs...%...%.I
00000050: 5224 f000 0026 9549 4441 5478 5eed dd6b R$...&.IDATx^..k
00000060: 421b 39b7 05d0 3b2e 0694 f130 9a4c 2683 B.9...;....0.L&.
00000070: f9ae 5f80 4e3d 25bb 4cb3 f15a bfba a14a .._.N=%.L..Z...J
00000080: 7574 2413 7927 c0ff fd0f 0000 0000 4826 ut$.y'........H&
00000090: e303 0000 0080 6c32 3e00 0000 00c8 26e3 ......l2>.....&.

Looks like this file is a PNG. lets convert it.

drew@ubuntu:~/pico$ mv flag.txt flag.png

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picoCTF{now_you_know_about_extensions}

I then submitted the flag I found in flag.png and it was correct!

🔔 Hurray! You earned 150 points. ✕