

PEACTF

Forensics – The Wonderful Wizard – 750 Points :

The Wonderful Wizard - Points: 750 - (Solves: 160)

Forensics - Solved

Solve Hints

TheWonderfulWizard.png

Once the file downloaded, let's start by searching if something is hidden into the picture.

After used some local and online tools like, foremost, strings, binwalk, and few online tools, i found the right one.

Source : <https://www.incoherency.co.uk/image-steganography/#unhide>

Hide image

Unhide image


Image:

Browse...

TheWonderfulWizard.png

Example:

N/A



Hidden bits: 4

Download Full-size Image

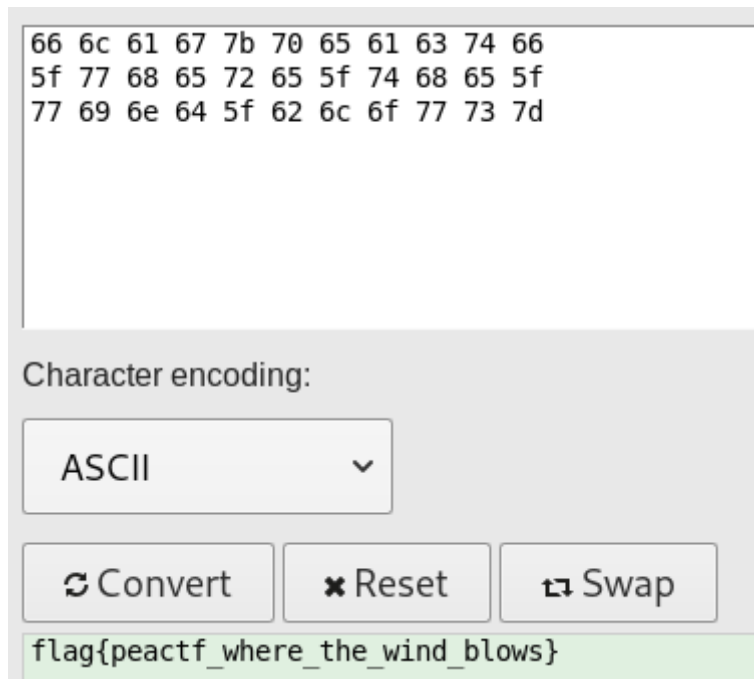
66 6c 61 67 7b 70 65 61 63 74 66
5f 77 68 65 72 65 5f 74 68 65 5f
77 69 6e 64 5f 62 6c 6f 77 73 7d

Hash :

66 6c 61 67 7b 70 65 61 63 74 66
5f 77 68 65 72 65 5f 74 68 65 5f
77 69 6e 64 5f 62 6c 6f 77 73 7d

At the first guess, it seem hexadecimal, let's found an online hexadecimal decoder and decode our cipher.

Source : <https://www.rapidtables.com/convert/number/hex-to-ascii.html>



The screenshot shows a web interface for converting hexadecimal to ASCII. At the top, a text area contains the following hexadecimal values: 66 6c 61 67 7b 70 65 61 63 74 66 5f 77 68 65 72 65 5f 74 68 65 5f 77 69 6e 64 5f 62 6c 6f 77 73 7d. Below this, a section labeled "Character encoding:" features a dropdown menu set to "ASCII". Underneath the dropdown are three buttons: "Convert" (with a circular arrow icon), "Reset" (with an 'x' icon), and "Swap" (with a double-headed arrow icon). At the bottom, a green highlighted area displays the decoded ASCII string: flag{peactf_where_the_wind_blows}.

Flag : flag{peactf_where_the_wind_blows}