Recipe

From Base64

Alphabet
A-Za-z0-9+/=

☑ Remove non-alphabet chars ☐ Strict mode

Input

VEhNe2p1NTdfZDNjMGQzXzdoM19iNDUzfQ==

ABC 36 ¶ 1

Output

THM{ju57_d3c0d3_7h3_b453}

owner_name THM{3x1f_0r_3x17}

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ steghide info Extinction_1577976250757.jpg
"Extinction_1577976250757.jpg":
  format: jpeg
  capacity: 1.3 KB
Try to get information about embedded data ? (y/n) y
Enter passphrase:
  embedded file "Final_message.txt":
    size: 79.0 Byte
    encrypted: rijndael-128, cbc
    compressed: yes
```

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ steghide extract -sf Extinction_1577976250757.jpg
Enter passphrase:
wrote extracted data to "Final_message.txt".

┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ ls
Extinction_1577976250757.jpg  Final_message.txt  Find_me_1577975566801.jpg

┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ cat Final_message.txt
It going to be over soon. Sleep my child.

THM{500n3r_0r_l473r_17_15_0ur_7urn}
```

Huh, where is the flag? THM{wh173_fl46}

Decode Succeeded

Raw text	THM{qr_m4k3_l1f3_345y}
Raw bytes	41 65 44 84 d7 b7 17 25 f6 d3 46 b3 35 f6 c3 16 63 35 f3 33 43 57 97 d0 ec 11 ec 11 ec 11 ec 11 ec 11
Barcode format	QR_CODE
Parsed Result Type	TEXT
Parsed Result	THM{qr_m4k3_l1f3_345y}

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ r2 hello_1577977122465.hello
WARN: Relocs has not been applied. Please use `-e bin.relocs.apply=true` or `-e bin.cache=true` next time
[0x00001060]> aaa
INFO: Analyze all flags starting with sym. and entry0 (aa)
INFO: Analyze imports (af@@@i)
INFO: Analyze entrypoint (af@ entry0)
INFO: Analyze symbols (af@@@s)
INFO: Recovering variables
INFO: Analyze all functions arguments/locals (afva@@@F)
INFO: Analyze function calls (aac)
INFO: Analyze len bytes of instructions for references (aar)
INFO: Finding and parsing C++ vtables (avrr)
INFO: Analyzing methods
INFO: Recovering local variables (afva)
INFO: Type matching analysis for all functions (aaft)
INFO: Propagate noreturn information (aanr)
INFO: Use -AA or aaaa to perform additional experimental analysis
[0x00001060]> afl
0x00001030    1      6 sym.imp.puts
0x00001040    1      6 sym.imp.printf
0x00001050    1      6 sym.imp.__cxa_finalize
0x00001060    1     42 entry0
0x00001090    4     34 sym.deregister_tm_clones
0x000010c0    4     51 sym.register_tm_clones
0x00001100    5     50 sym.__do_global_dtors_aux
0x00001140    1      5 sym.frame_dummy
0x00001000    3     23 sym._init
0x000011e0    1      1 sym.__libc_csu_fini
0x00001145    1     24 sym.skip
0x000011e4    1      9 sym._fini
0x00001180    4     93 sym.__libc_csu_init
0x0000115d    1     23 main
[0x00001060]> pdf @sym.skip
┌ 24: sym.skip ();
│           0x00001145      55             push rbp
│           0x00001146      4889e5         mov rbp, rsp
│           0x00001149      488d3db80e..   lea rdi, str.THM345y_f1nd_345y_60 ; 0x2008 ; "THM{345y_f1nd_345y_60}" ; const char *format
│           0x00001150      b800000000     mov eax, 0
│           0x00001155      e8e6feffff     call sym.imp.printf        ; int printf(const char *format)
│           0x0000115a      90             nop
│           0x0000115b      5d             pop rbp
└           0x0000115c      c3             ret
```

Base-58 Decoder

cross-browser testing tools

World's simplest online base-58 decoder for web developers and programmers. Just paste your data in the form below, press the Base-58 Decode button, and you'll get a base-58 decoded string. Press a button – get a string. No ads, nonsense, or garbage.

Like 51K

Announcement: We just launched Online Math Tools – a collection of utilities for solving math problems. Check it out!

```
THM{17_h45_l3553r_l3773r5}
```

Base-58 Decode | Copy to clipboard | (undo)

Want to base58 encode?
Use the Base58 Text Encoder!

to least probable.

↑↓	↑↓
19 (7)	THM{hail_the_caesar}

```
<div>
  <div class="sc-jrrFIm eOVdhf" data-sentry-element="StyledAccordionDetailsMain" data-se
  file="accordion-details.tsx">
    <p>
      No downloadable file, no ciphered or encoded text. Huh .......
      <br>
    </p>
    <p style="display:none;">
      <span class="glossary-term" data-testid="glossary-term">THM</span>
      {4lw4y5_ch3ck_7h3_c0m3mn7}
    </p>
  </div>
</div>
```

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ xxd -p spoil_1577979329740.png > spoil_hex_data

┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ head spoil_hex_data
2333445f0d0a1a0a0000000d49484452000003200000032008060000 00db
70066800000001735247420 0aece1ce900000009704859730000 0ec40000
0ec401952b0e1b00002000494441547 89cecdd799c9c559deff1cf799e5a
bb7a5f927477f640480209201150c420bba288a8805c19067c5d64c079e9
752e03ce38e30e8e2f75e63a23ea8c0ce8308e036470c191cd80880c4b20
0909184c42b64ed2e9f4bed7f23ce7fe51559dea4e27a4bbaaf7effbf5ea
57d2d5554f9daa7abafa7ceb9cf33bc65a6b1111111111111907ce443740
4444444444660e0510111111111119370a202222222222326e1440444444
444464dc28808888888888c8b8510011111111119171a300222222222222
e3460144444444444c68d028888888888888c1b0510111111111119370a
```

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ head spoil_hex_data > hex
```

```
kali@kali: ~/Tryhackme/CTF_Vol1
File  Actions  Edit  View  Help
File: spoil_1577979329740.png     ASCII Offset: 0x00000000 / 0x00011466 (%00)
00000000  23 33 44 5F  0D 0A 1A 0A   00 00 00 0D  49 48 44 52   #3D_........IHDR
00000010  00 00 03 20  00 00 03 20   08 06 00 00  00 DB 70 06   ... ... ......p.
00000020  68 00 00 00  01 73 52 47   42 00 AE CE  1C E9 00 00   h....sRGB.......
00000030  00 09 70 48  59 73 00 00   0E C4 00 00  0E C4 01 95   ..pHYs..........
00000040  2B 0E 1B 00  00 20 00 49   44 41 54 78  9C EC DD 79   +.... .IDATx...y
```

```
89504e470d0a1a0a0000000d49484452000003200000032008060000000db
70066800000001735247420 0aece1ce900000009704859730000 0ec40000
0ec401952b0e1b0000200049444154789cecdd799c9c559deff1cf799e5a
bb7a5f927477f640480209201150c420bba288a8805c19067c5d64c079e9
752e03ce38e30e8e2f75e63a23ea8c0ce8308e036470c191cd80880c4b20
0909184c42b64ed2e9f4bed7f23ce7fe51559dea4e27a4bbaaf7effbf5ea
57d2d5554f9daa7abafa7ceb9cf33bc65a6b1111111111111907ce443740
4444444444660e0510111111111119370a202222222222326e1440444444
444464dc28808888888888c8b8510011111111119171a300222222222222
e34601444444444444c68d028888888888888c1b0510111111111119370a
202222222222326e1440444444444464dc28808888888888c8b851001111
1111119171a300222222222222e34601444444444444c68d028888888888
888c1b0510111111111119370a202222222222326e1440444444444464dc
28808888888888c8b8510011111111119171a300222222222222e3460144
4444444444c68d028888888888888c1b0510111111111119370a20222222
2222326e1440444444444464dc28808888888888c8b85100111111111191
71a300222222222222e34601444444444444c68d028888888888888c1b05
10111111111119370a202222222222326e1440444444444464dc28808888
888888c8b8510011111111119171a300222222222222e346014444444444
44c68d028888888888888c1b0510111111111119370a202222222222326e
1440444444444464dc28808888888888c8b8510011111111119171a30022
2222222222e34601444444444444c68d028888888888888c1b0510111111
111119370a202222222222326e1440444444444464dc28808888888888c8
b8510011111111119171a300222222222222e32630d10d10996aacef83b5
18d71d74b9dfdb8bd7db4baabd1dafbb9b545717a9ae2e6c3c8e4da5f0ba
bac018bcfe7efcfe7e0c60ad3de2f8c618acb504caca308e038e83535484
1b89e0c462389108c192129c9212829595044a4ac098c107f1fdf465432f
171111119960c60ed7031291c3acc5fa7e3a0c643bf4d6926c69a17bcb16
```


THM{y35_w3_c4n}

THM{50c14l_4cc0un7_15_p4r7_0f_051n7}

Brainfuck

Informatics › Programming Language › Brainfuck

Brainfuck Interpreter

Brainf*ck Code to interpret

```
<<<<-]>>>+++++++++++++.------------.+++++.>+++++++++++++++
+++++++.
<<+++++++++++++++++.>>-----------------.---------.++++++
+++++++.++++++++++++.<+++++++++++++++++.+++++++++.
<+++.+.>----.>++++.
```

Argument

Show memory state

```
THM{0h_my_h34d}
```

XOR Calculator

Thanks for using the calculator. View help page.

I. Input: hexadecimal (base 16)

```
44585d6b2368737c65252166234f20626d
```

II. Input: hexadecimal (base 16)

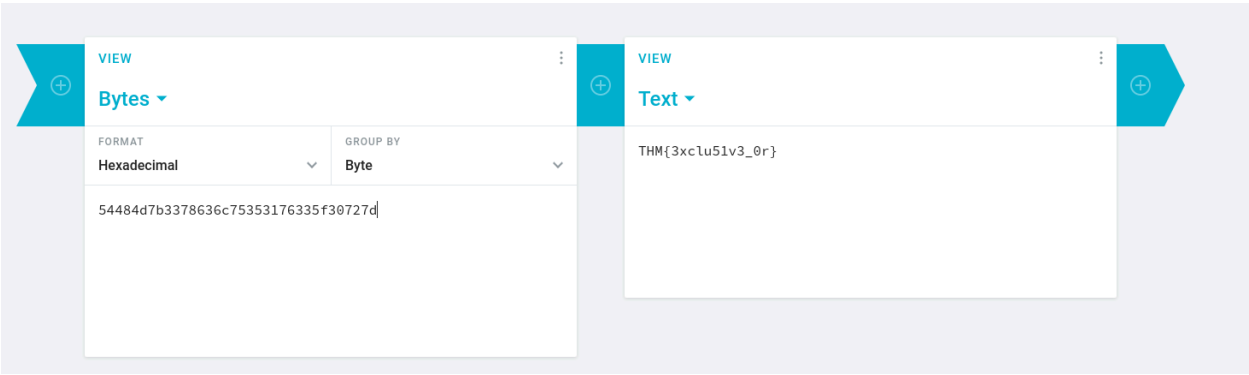
```
1010101010101010101010101010101010
```

Calculate XOR

III. Output: hexadecimal (base 16)

```
54484d7b3378636c75353176335f30727d
```

Home Help Privacy




```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ binwalk hell_1578018688127.jpg -e

DECIMAL       HEXADECIMAL     DESCRIPTION
--------------------------------------------------------------------------------
0             0x0             JPEG image data, JFIF standard 1.02
30            0x1E            TIFF image data, big-endian, offset of first image directory: 8
265845        0x40E75         Zip archive data, at least v2.0 to extract, uncompressed size: 69, name: hello_there.txt
266099        0x40F73         End of Zip archive, footer length: 22
```

```
┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1]
└─$ cd _hell_1578018688127.jpg.extracted

┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1/_hell_1578018688127.jpg.extracted]
└─$ ls
40E75.zip  hello_there.txt

┌──(kali㉿kali)-[~/Tryhackme/CTF_Vol1/_hell_1578018688127.jpg.extracted]
└─$ cat hello_there.txt
Thank you for extracting me, you are the best!

THM{y0u_w4lk_m3_0u7}
```

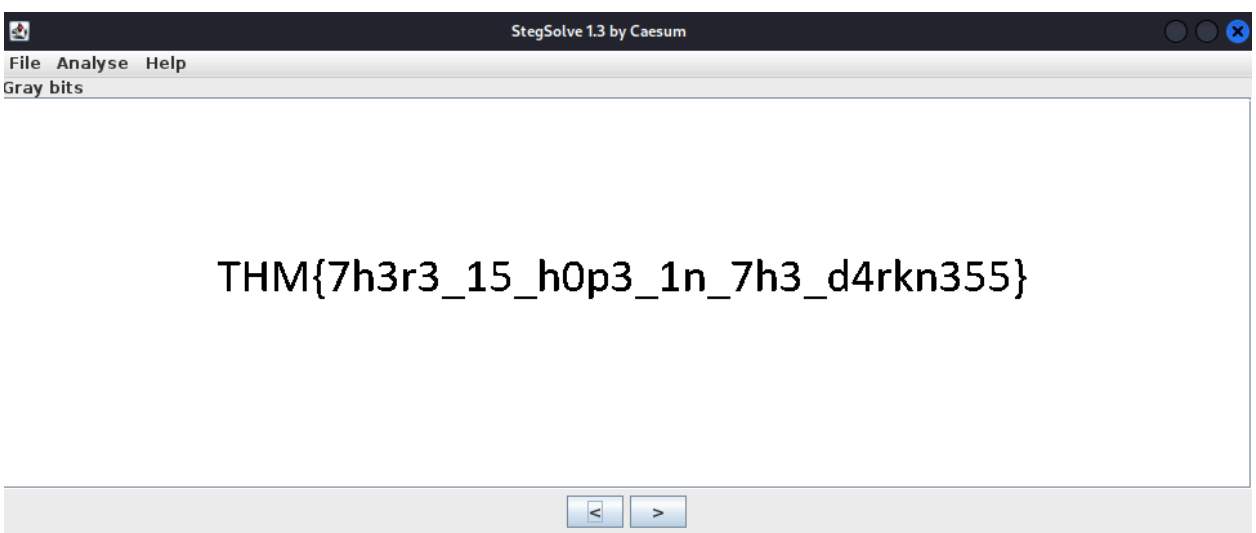
Installation

```
$ wget http://www.caesum.com/handbook/Stegsolve.jar -O stegsolve.jar
$ chmod +x stegsolve.jar
$ mkdir bin
$ mv stegsolve.jar bin/
```

Usage

Stegsolve can be invoked by placing the image in the /bin folder and running stegsolve.

```
$ java -jar stegsolve.jar
```



UNCATEGORIZED

THM flag

What did you just say? flag? THM{ch3ck_th3_h4ckb4ck}

0 COMMENTS

YESLDMPGS	OUSPECONY{TRO_NSURE_NCH_EMC}
THM	TRYHACKME{YOU_FOUND_THE_KEY}
YESTHMPGS	OUSHACONY{TRO_FOURE_NCH_EEY}

decimal to hex conversion

From: Decimal

To: Hexadecimal

Enter decimal number

581695969015253365094191591547859 3 | 10

= Convert | × Reset | ⇅ Swap

Hex number (60 digits)

54484D7B31375F6A7535375F346E5F30
7264316E3472795F62343533357D | 16

Hex to ASCII Text String Converter

Enter hex bytes with any prefix / postfix / delimiter and press the *Convert* button (e.g. 45 78 61 6d 70 6C 65 21):

From: Hexadecimal

To: Text

Open File

Paste hex numbers or drop file

```
54484D7B31375F6A7535375F346E5F307264316E3472795F62343533357D
```

Character encoding: ASCII

Convert | Reset | Swap

```
THM{17_ju57_4n_0rd1n4ry_b4535}
```

1825	52.508233774	192.168.247.130	192.168.247.140	HTTP	506	GET /flag.txt HTTP/1.1
1827	52.509987109	192.168.247.140	192.168.247.130	HTTP	455	HTTP/1.1 200 OK (text/plain)

```
Line-based text data: text/plain (3 lines)
    THM{d0_n07_574lk_m3}\n
    \n
    Found me!\n
```

THM{d0_n07_574lk_m3}