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✔ Closed

```
This frame has 3 object(s)
[32, 40] 'encoder' (line 10)
[64, 320] 'opt' (line 12)
[384, 4480] 'data' (line 14) <== Memory access at offset 4480 overflows this variable
HINT: this may be a false positive if your program uses some custom stack unwind mechanism, swapcontext or vfork
(longjmp and C++ exceptions *are* supported)
SUMMARY: AddressSanitizer: stack-buffer-overflow /home/hx/userData/tools/libsixel/src/pixelformat.c:50:18 in get_rgb
Shadow bytes around the buggy address:
0x10006f345578: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f345580: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f345590: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f3455a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f3455b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
=>0x10006f3455c0: 00 00 00 00 00 00 00 00 00 00 00 00 00[f3]f3 f3 f3
```

```
0x10006f3455d0: f3 f3 f3 f3 f3 f3 f3 f3 f3 00 00 00 00
0x10006f3455e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f3455f0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f345600: 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10006f345610: 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Shadow byte legend (one shadow byte represents 8 application bytes):
Addressable: 00
Partially addressable: 01 02 03 04 05 06 07
Heap left redzone: fa
Freed heap region: fd
Stack left redzone: f1
Stack mid redzone: f2
Stack right redzone: f3
Stack after return: f5
Stack use after scope: f8
Global redzone: f9
Global init order: f6
Poisoned by user: f7
Container overflow: fc
Array cookie: ac
Intra object redzone: bb
ASan internal: fe
Left alloca redzone: ca
Right alloca redzone: cb
Shadow gap: cc
==344010==ABORTING
```



 NigelX closed this as completed on Jan 19, 2021

carnil commented on Apr 14, 2021

It appears that [CVE-2020-36120](#) was assigned to this issue.

This issue was closed in [#143 \(comment\)](#), was it fixed in master branch?

 2  1

  tats mentioned this issue on Jun 21, 2021

Use [libsixel fork with CVE fixes](#) tats/w3m#184

 Closed

fgeek commented on Jul 8, 2021

@saitoha what is status of this bug report? Is this fixed in some commit? Do you have plans to keep maintaining libsixel?

  ajakk mentioned this issue on Oct 2, 2021

[stack-buffer-overflow in sixel_encoder_encode_bytes \(CVE-2020-36120\)](#) libsixel/libsixel#46

 Open

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

3 participants

