



# libsixel: Use-After-Free in load\_gif()

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## Summary

<b>CVE</b>	CVE-2026-33018
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-14 22:16:30 UTC
<b>Updated</b>	2026-04-17 15:38:09 UTC
<b>Description</b>	libsixel is a SIXEL encoder/decoder implementation derived from kmiya's sixel. Versions 1.8.7 and prior contain a Use-After

## Risk And Classification

**Primary CVSS:** v3.1 7 HIGH from security-advisories@github.com

**CVSS:** 3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

**EPSS:** 0.000160000 probability, percentile 0.037700000 (date 2026-04-21)

**Problem Types:** CWE-416 | CWE-416 CWE-416: Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

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Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Saitoha	Libsixel	affected < 1.8.7-rc1	Not specified

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References

Reference	Source	Link	Tags
github.com/saitoha/libsixel/security/advisories/GHSA-w46f-jr9f-rgvp	security-advisories@github.com	github.com	
github.com/saitoha/libsixel/releases/tag/v1.8.7-r1	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

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No vendor comments have been submitted for this CVE.

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There are currently no legacy QID mappings associated with this CVE.

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