



# libsixel: integer overflow in encoder

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-44636
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-14 20:17:08 UTC
<b>Updated</b>	2026-05-14 21:21:10 UTC
<b>Description</b>	libsixel is a SIXEL encoder/decoder implementation derived from kmiya's sixel. From to 1.8.7-r1, signed integer overflow in

## Risk And Classification

**Primary CVSS:** v3.1 7.4 HIGH from security-advisories@github.com

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

**Problem Types:** CWE-122 | CWE-190 | CWE-122 CWE-122: Heap-based Buffer Overflow | CWE-190 CWE-190: Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.4	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.4	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Saitoha</a>	<a href="#">Libsixel</a>	affected >= 1.4.4, < 1.8.7-r2	Not specified

#### References

Reference	Source	Link	Tags
<a href="https://github.com/saitoha/libsixel/security/advisories/GHSA-hx93-w8p2-ffh5">github.com/saitoha/libsixel/security/advisories/GHSA-hx93-w8p2-ffh5</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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