



GStreamer RIFF Palette Integer Overflow Remote Code Execution Vulnerability

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

Summary

CVE	CVE-2026-2921
State	PUBLISHED
Assigner	zdi
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-16 14:19:32 UTC
Updated	2026-03-29 13:16:59 UTC
Description	GStreamer RIFF Palette Integer Overflow Remote Code Execution Vulnerability. This vulnerability allows remote attackers

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from zdi-disclosures@trendmicro.com

CVSS: 3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

EPSS: 0.000320000 probability, percentile 0.093230000 (date 2026-04-01)

Problem Types: CWE-190 | CWE-190 CWE-190: Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.0	zdi-disclosures@trendmicro.com	Secondary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	CNA	CVSS	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gstreamer	Gstreamer	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	GStreamer	GStreamer	affected 1c6e163aa33962f5ee4a87d29319ccdd5cb67612	Not specified

References

Reference	Source
lists.debian.org/debian-lts-announce/2026/03/msg00018.html	af854a3a-2127-422b-91ae-364da2661108
gitlab.freedesktop.org/gstreamer/gstreamer/-/commit/e3a99c35266fc92dd6a18ac5fde028d0...	zdi-disclosures@trendmicro.com
www.zerodayinitiative.com/advisories/ZDI-26-168	zdi-disclosures@trendmicro.com
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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