



CVE-2022-44638

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2022-44638
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-03 06:15:00 UTC
Updated	2023-11-07 03:54:00 UTC
Description	In libpixman in Pixman before 0.42.2, there is an out-of-bounds write (aka heap-based buffer overflow) in rasterize_edges_...

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Pixman	Pixman	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 36 Update: mingw-pixman-0.42.2-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.f
[SECURITY] Fedora 35 Update: mingw-pixman-0.42.2-1.fc35 - package-announce - Fedora Mailing-Lists		lists.f
Debian -- Security Information -- DSA-5276-1 pixman	DEBIAN	www
[SECURITY] Fedora 36 Update: mingw-pixman-0.42.2-1.fc36 - package-announce - Fedora Mailing-Lists		lists.f
[SECURITY] Fedora 37 Update: mingw-pixman-0.42.2-1.fc37 - package-announce - Fedora Mailing-Lists		lists.f
Integer overflow in pixman_sample_floor_y leading to heap out-of-bounds write (#63) · Issues · Pixman / pixman · GitLab	MISC	gitlab
[SECURITY] Fedora 37 Update: mingw-pixman-0.42.2-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.f
[SECURITY] [DLA 3179-1] pixman security update	MLIST	lists.c

pixman pixman_sample_floor_y Integer Overflow ≈ Packet Storm	MISC	pack
[SECURITY] Fedora 35 Update: mingw-pixman-0.42.2-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.f
oss-security - Fwd: [ANNOUNCE] pixman release 0.42.2 now available	MLIST	www
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [161228](#) Oracle Enterprise Linux Security Update for pixman (ELSA-2023-7754)
- [161274](#) Oracle Enterprise Linux Security Update for pixman (ELSA-2024-0131)
- [181197](#) Debian Security Update for pixman (DLA 3179-1)
- [181208](#) Debian Security Update for pixman (DSA 5276-1)
- [184370](#) Debian Security Update for pixman (CVE-2022-44638)
- [199020](#) Ubuntu Security Notification for pixman Vulnerability (USN-5718-1)
- [242491](#) Red Hat Update for pixman (RHSA-2023:7403)
- [242492](#) Red Hat Update for pixman (RHSA-2023:7375)
- [242494](#) Red Hat Update for pixman (RHSA-2023:7386)
- [242580](#) Red Hat Update for pixman (RHSA-2023:7531)
- [242605](#) Red Hat Update for pixman (RHSA-2023:7754)
- [242879](#) Red Hat Update for pixman (RHSA-2024:0131)
- [283311](#) Fedora Security Update for mingw (FEDORA-2022-3cf0e7ebc7)
- [283312](#) Fedora Security Update for mingw (FEDORA-2022-ae2559a8f4)
- [283437](#) Fedora Security Update for mingw (FEDORA-2022-f3a939e960)
- [379635](#) Alibaba Cloud Linux Security Update for pixman (ALINUX3-SA-2024:0046)
- [502594](#) Alpine Linux Security Update for pixman
- [502595](#) Alpine Linux Security Update for pixman
- [672487](#) EulerOS Security Update for pixman (EulerOS-SA-2023-1043)
- [672523](#) EulerOS Security Update for pixman (EulerOS-SA-2023-1018)
- [672547](#) EulerOS Security Update for pixman (EulerOS-SA-2023-1108)

672555 EulerOS Security Update for pixman (EulerOS-SA-2023-1132)
672588 EulerOS Security Update for pixman (EulerOS-SA-2023-1333)
672639 EulerOS Security Update for pixman (EulerOS-SA-2023-1367)
672664 EulerOS Security Update for pixman (EulerOS-SA-2023-1395)
672779 EulerOS Security Update for pixman (EulerOS-SA-2023-1511)
690974 Free Berkeley Software Distribution (FreeBSD) Security Update for pixman (b278783f-5c1d-11ed-a21f-001fc69cd6dc)
752828 SUSE Enterprise Linux Security Update for pixman (SUSE-SU-2022:4249-1)
752833 SUSE Enterprise Linux Security Update for pixman (SUSE-SU-2022:4206-1)
752857 SUSE Enterprise Linux Security Update for pixman (SUSE-SU-2022:4148-1)
904431 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11367)
904432 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11421)
904445 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11392)
904446 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11392)
904447 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11392)
904448 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11392)
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904647 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11392-1)
905617 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11421-1)
906792 Common Base Linux Mariner (CBL-Mariner) Security Update for pixman (11421-3)
941496 AlmaLinux Security Update for pixman (ALSA-2023:7754)
941529 AlmaLinux Security Update for pixman (ALSA-2024:0131)

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