



# CVE-2022-45199

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-45199  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | cve@mitre.org   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                      |
| <b>Published</b>       | 2022-11-14 07:15:00 UTC   |
| <b>Updated</b>         | 2023-01-10 20:11:00 UTC   |
| <b>Description</b>     | Pillow before 9.3.0 allows denial of service via SAMPLESPERPIXEL. |

## Risk And Classification

**Problem Types:** CWE-400

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                 | Product                | Version | Update | Edition | Language |
|-------------|------------------------|------------------------|---------|--------|---------|----------|
| Application | <a href="#">Python</a> | <a href="#">Pillow</a> | All     | All    | All     | All      |

## References

| Reference   | Source  | Link                                |
|---|---------|-------------------------------------|
| Limit SAMPLESPERPIXEL to avoid runtime DOS by hugovk · Pull Request #6700 · python-pillow/Pillow · GitHub   | MISC    | <a href="#">github.com</a>          |
| Pillow: Multiple Vulnerabilities (GLSA 202211-10) — Gentoo security   | GENTOO  | <a href="#">security.gentoo.org</a> |
| 878769 – <dev-python/pillow-9.3.0: "runtime DOS"  | MISC    | <a href="#">bugs.gentoo.org</a>     |
| Merge pull request #6700 from hugovk/security-samples_per_pixel-sec · python-pillow/Pillow@2444cdd · GitHub | MISC    | <a href="#">github.com</a>          |
| Release 9.3.0 · python-pillow/Pillow · GitHub   | MISC    | <a href="#">github.com</a>          |
| CVE Program record  | CVE.ORG | <a href="#">www.cve.org</a>         |
| NVD vulnerability detail  | NVD     | <a href="#">nvd.nist.gov</a>        |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[182731](#) Debian Security Update for pillow (CVE-2022-45199)

[355121](#) Amazon Linux Security Advisory for python-pillow : ALAS2023-2023-146

|   |
|---|
| <a href="#">672628</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1397) |
| <a href="#">672641</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1369) |
| <a href="#">672678</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1415) |
| <a href="#">672690</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1435) |
| <a href="#">672773</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1456) |
| <a href="#">672778</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1481) |
| <a href="#">710682</a> Gentoo Linux Pillow Multiple Vulnerabilities (GLSA 202211-10)    |

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