



# CVE-2021-23567

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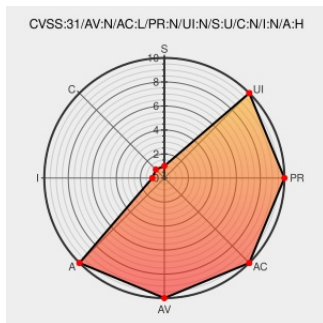
Last Modified on: 01/14/2022 09:37:00 PM UTC

## CVE-2021-23567

[Source: Mitre](#)

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The following vulnerability was found:

The package colors after 1.4.0 are vulnerable to Denial of Service (DoS) that was introduced through an infinite loop in the americanFlag module. Unfortunately this appears to have been a purposeful attempt by a maintainer of colors to make the package unusable, other maintainers' controls over this package appear to have been revoked in an attempt to prevent them from fixing the issue. Vulnerable Code js for

(let i = 666; i < Infinity; i++;) { Alternative Remediation Suggested \* Pin dependency to 1.4.0

CVE-2021-23567 has been assigned by report@snyk.io to track the vulnerability

## CVE References

Description	Tags	Link
Zalgo issue with `v1.4.44-liberty-2` release · Issue #285 · Marak/colors.js · GitHub	<a href="#">github.com</a> <a href="#">text/html</a>	MISC <a href="https://github.com/Marak/colors.js/issues/285%23issuecomment-1008212640">github.com/Marak/colors.js/issues/285%23issuecomment-1008212640</a>
Denial of Service (DoS) in colors   CVE-2021-23567   Snyk	<a href="#">snyk.io</a> <a href="#">text/html</a>	MISC <a href="https://snyk.io/vuln/SNYK-JS-COLORS-2331906">snyk.io/vuln/SNYK-JS-COLORS-2331906</a>
Adds new American flag module · Marak/colors.js@074a0f8 · GitHub	<a href="#">github.com</a> <a href="#">text/html</a>	MISC <a href="https://github.com/Marak/colors.js/commit/074a0f8ed0c31c35d13d28632bd8a049ff136fb6%23diff-92bbac9a308cd5fcf9db165841f2d90ce981baddcb2b1e26cff170929af3bd1R18">github.com/Marak/colors.js/commit/074a0f8ed0c31c35d13d28632bd8a049ff136fb6%23diff-92bbac9a308cd5fcf9db165841f2d90ce981baddcb2b1e26cff170929af3bd1R18</a>
Zalgo issue with `v1.4.44-liberty-2` release · Issue #285 · Marak/colors.js · GitHub	<a href="#">github.com</a> <a href="#">text/html</a>	MISC <a href="https://github.com/Marak/colors.js/issues/285">github.com/Marak/colors.js/issues/285</a>
Open source maintainer pulls the plug on npm packages colors and faker, now what?   Snyk	<a href="#">snyk.io</a> <a href="#">text/html</a>	MISC <a href="https://snyk.io/blog/open-source-maintainer-pulls-the-plug-on-npm-packages-colors-and-faker-now-what/">snyk.io/blog/open-source-maintainer-pulls-the-plug-on-npm-packages-colors-and-faker-now-what/</a>

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There are currently no QIDs associated with this CVE

There are no known software configurations (CPEs) currently associated with this CVE

#### Discovery Credit

Unknown

#### Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2021-23567 : The package colors after 1.4.0 are vulnerable to Denial of Service #DoS that was introduced thro... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2022-01-14 20:12:06

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