

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A492FF) Hex(8F79FF) Hex(795FFF) Hex(6445FF) Hex(4F2CFF) Hex(3A12FF) Hex(2A00FF)

Hex(A492FF)		Ratio: 1.28 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.20 AA 18pt ²
Hex(8F79FF)	Ratio: 1.28 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(795FFF)	Ratio: 1.66 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(6445FF)	Ratio: 2.12 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(4F2CFF)	Ratio: 2.59 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(3A12FF)	Ratio: 3.00 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(2A00FF)	Ratio: 3.20 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.07 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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