

Converting Colors - WCAG Matrix

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

	Hex(9596F9)	Hex(7C7DF9)	Hex(6365F9)	Hex(4A4CF9)	Hex(3133F9)	Hex(191BF9)	Hex(0002F9)
Hex(9596F9)		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.37 AA 18pt ²
Hex(7C7DF9)	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(6365F9)	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(4A4CF9)	Ratio: 2.17 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(3133F9)	Ratio: 2.69 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(191BF9)	Ratio: 3.12 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(0002F9)	Ratio: 3.37 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.08 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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