

Converting Colors - WCAG Matrix

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

Hex(6DA8FF) Hex(4F96FF) Hex(796DFF) Hex(737880) Hex(004DBF) Hex(001A40)

	Hex(6DA8FF)	Hex(4F96FF)	Hex(796DFF)	Hex(737880)	Hex(004DBF)	Hex(001A40)
Hex(6DA8FF)		Ratio: 1.22 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 7.12 Passed ⁶
Hex(4F96FF)	Ratio: 1.22 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(796DFF)	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 4.46 AA 18pt ²
Hex(737880)	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(004DBF)	Ratio: 3.09 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(001A40)	Ratio: 7.12 Passed ⁶	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 4.46 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.30 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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