

Converting Colors - WCAG Matrix

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

Hex(7492D8) Hex(709BFF) Hex(8674D8) Hex(60646B) Hex(0033AB) Hex(000D2B)

	Hex(7492D8)	Hex(709BFF)	Hex(8674D8)	Hex(60646B)	Hex(0033AB)	Hex(000D2B)
Hex(7492D8)		Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(709BFF)	Ratio: 1.14 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 7.16 Passed ⁶
Hex(8674D8)	Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(60646B)	Ratio: 1.94 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(0033AB)	Ratio: 3.32 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.89 Failed ⁵
Hex(000D2B)	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 7.16 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 1.89 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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