

Converting Colors - WCAG Matrix

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

Hex(0000A8) Hex(9A9ADB) Hex(00A8A8) Hex(46466E) Hex(EDEDED) Hex(6E6E6E)

	Hex(0000A8)	Hex(9A9ADB)	Hex(00A8A8)	Hex(46466E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(0000A8)		Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.51 Failed ⁵	Ratio: 11.46 Passed ⁶	Ratio: 2.63 Failed ⁵
Hex(9A9ADB)	Ratio: 5.12 AA ¹ AAA 18pt ⁴		Ratio: 1.12 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(00A8A8)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(46466E)	Ratio: 1.51 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.03 AA 18pt ²		Ratio: 7.60 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(EDEDED)	Ratio: 11.46 Passed ⁶	Ratio: 2.24 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 7.60 Passed ⁶		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 2.63 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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