

Converting Colors - WCAG Matrix

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

Hex(00416E) Hex(00548F) Hex(000B6E) Hex(323638) Hex(004778) Hex(0092F7)

	Hex(00416E)	Hex(00548F)	Hex(000B6E)	Hex(323638)	Hex(004778)	Hex(0092F7)
Hex(00416E)		Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(00548F)	Ratio: 1.35 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(000B6E)	Ratio: 1.56 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(323638)	Ratio: 1.15 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(004778)	Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(0092F7)	Ratio: 3.26 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 2.97 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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