

Converting Colors - WCAG Matrix

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

Hex(006DA9) Hex(00548E) Hex(003E74) Hex(00285B) Hex(001443) Hex(FFFFFF)

	Hex(006DA9)	Hex(00548E)	Hex(003E74)	Hex(00285B)	Hex(001443)	Hex(FFFFFF)
Hex(006DA9)		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(00548E)	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 7.90 Passed ⁶
Hex(003E74)	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 10.82 Passed ⁶
Hex(00285B)	Ratio: 2.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 14.44 Passed ⁶
Hex(001443)	Ratio: 3.18 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 17.78 Passed ⁶
Hex(FFFFFF)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.90 Passed ⁶	Ratio: 10.82 Passed ⁶	Ratio: 14.44 Passed ⁶	Ratio: 17.78 Passed ⁶	

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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