

Converting Colors - WCAG Matrix

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

	Hex(0066AC)	Hex(004F91)	Hex(003877)	Hex(00245E)	Hex(000D46)	Hex(00042F)	Hex(000119)	Hex(000000)
Hex(0066AC)		Ratio: 1.38 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 3.50 AA 18pt ²
Hex(004F91)	Ratio: 1.38 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(003877)	Ratio: 1.91 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(00245E)	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(000D46)	Ratio: 3.05 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(00042F)	Ratio: 3.30 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(000119)	Ratio: 3.43 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.50 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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