

Converting Colors - WCAG Matrix

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

Hex(0042AF) Hex(0056E3) Hex(1400AF) Hex(4E5157) Hex(003996) Hex(000917)

Hex(0042AF)		Ratio: 1.43 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(0056E3)	Ratio: 1.43 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(1400AF)	Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(4E5157)	Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(003996)	Ratio: 1.18 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.30 Failed ⁵	
Hex(000917)	Ratio: 2.28 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.93 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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