

Converting Colors - WCAG Matrix

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

Hex(5A5D63) Hex(727982) Hex(5A5A63) Hex(2E3033) Hex(002D73) Hex(0060F2)

	Hex(5A5D63)	Hex(727982)	Hex(5A5A63)	Hex(2E3033)	Hex(002D73)	Hex(0060F2)
Hex(5A5D63)		Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(727982)	Ratio: 1.50 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(5A5A63)	Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(2E3033)	Ratio: 2.00 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(002D73)	Ratio: 1.96 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(0060F2)	Ratio: 1.24 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.44 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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