

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6363BD) Hex(6969F5) Hex(9063BD) Hex(55555E) Hex(00009E) Hex(00001F)

Hex(6363BD)		Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(6969F5)	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(9063BD)	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(55555E)	Ratio: 1.42 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(00009E)	Ratio: 2.71 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 1.46 Failed ⁵
Hex(00001F)	Ratio: 3.97 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵	Ratio: 1.46 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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