

Converting Colors - WCAG Matrix

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

	Hex(2F92D6)	Hex(0F9DFF)	Hex(2F40D6)	Hex(60676B)	Hex(0065AB)	Hex(001A2B)
Hex(2F92D6)		Ratio: 1.17 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴
Hex(0F9DFF)	Ratio: 1.17 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(2F40D6)	Ratio: 2.20 Failed ⁵	Ratio: 2.58 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(60676B)	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(0065AB)	Ratio: 1.80 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(001A2B)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.92 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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