

Converting Colors - WCAG Matrix

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

Hex(2589D0) Hex(0396FF) Hex(2536D0) Hex(5E6469) Hex(0062A8) Hex(001829)

	Hex(2589D0)	Hex(0396FF)	Hex(2536D0)	Hex(5E6469)	Hex(0062A8)	Hex(001829)
Hex(2589D0)		Ratio: 1.22 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(0396FF)	Ratio: 1.22 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(2536D0)	Ratio: 2.21 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(5E6469)	Ratio: 1.59 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(0062A8)	Ratio: 1.68 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(001829)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.85 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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