

Converting Colors - WCAG Matrix

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

Hex(002456) Hex(002F70) Hex(060056) Hex(27292B) Hex(002D6B) Hex(0062EB)

	Hex(002456)	Hex(002F70)	Hex(060056)	Hex(27292B)	Hex(002D6B)	Hex(0062EB)
Hex(002456)		Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(002F70)	Ratio: 1.18 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(060056)	Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(27292B)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(002D6B)	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(0062EB)	Ratio: 2.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.49 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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