

Converting Colors - WCAG Matrix

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

Hex(354260) Hex(3B4F7D) Hex(3D3560) Hex(2C2D30) Hex(002270) Hex(0048F0)

	Hex(354260)	Hex(3B4F7D)	Hex(3D3560)	Hex(2C2D30)	Hex(002270)	Hex(0048F0)
Hex(354260)		Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(3B4F7D)	Ratio: 1.24 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(3D3560)	Ratio: 1.12 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(2C2D30)	Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(002270)	Ratio: 1.44 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(0048F0)	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.18 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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