

Converting Colors - WCAG Matrix

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

Hex(D4406A) Hex(FF2967) Hex(D45D40) Hex(6B6063) Hex(AB0031) Hex(2B000D)

	Hex(D4406A)	Hex(FF2967)	Hex(D45D40)	Hex(6B6063)	Hex(AB0031)	Hex(2B000D)
Hex(D4406A)		Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 4.28 AA 18pt ²
Hex(FF2967)	Ratio: 1.22 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(D45D40)	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(6B6063)	Ratio: 1.36 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0031)	Ratio: 1.71 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(2B000D)	Ratio: 4.28 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.14 AA 18pt ²	Ratio: 2.50 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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