

Converting Colors - WCAG Matrix

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

Hex(D64B00) Hex(FF5900) Hex(D6B600) Hex(6B6460) Hex(AB3C00) Hex(2B0F00)

	Hex(D64B00)	Hex(FF5900)	Hex(D6B600)	Hex(6B6460)	Hex(AB3C00)	Hex(2B0F00)
Hex(D64B00)		Ratio: 1.37 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(FF5900)	Ratio: 1.37 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴
Hex(D6B600)	Ratio: 2.17 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 9.01 Passed ⁶
Hex(6B6460)	Ratio: 1.35 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.92 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(AB3C00)	Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(2B0F00)	Ratio: 4.16 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 9.01 Passed ⁶	Ratio: 3.09 AA 18pt ²	Ratio: 2.88 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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