

Converting Colors - WCAG Matrix

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

Hex(62583A) Hex(7F6F41) Hex(59623A) Hex(302F2C) Hex(705300) Hex(F0B000)

	Hex(62583A)	Hex(7F6F41)	Hex(59623A)	Hex(302F2C)	Hex(705300)	Hex(F0B000)
Hex(62583A)		Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(7F6F41)	Ratio: 1.43 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(59623A)	Ratio: 1.09 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(302F2C)	Ratio: 1.90 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(705300)	Ratio: 1.02 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 3.73 AA 18pt ²
Hex(F0B000)	Ratio: 3.67 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	

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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