

Converting Colors - WCAG Matrix

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

Hex(4A6A5D) Hex(588A76) Hex(4A676A) Hex(303633) Hex(007546) Hex(00F591)

	Hex(4A6A5D)	Hex(588A76)	Hex(4A676A)	Hex(303633)	Hex(007546)	Hex(00F591)
Hex(4A6A5D)		Ratio: 1.51 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(588A76)	Ratio: 1.51 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(4A676A)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(303633)	Ratio: 2.06 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.02 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 8.51 Passed ⁶
Hex(007546)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 3.98 AA 18pt ²
Hex(00F591)	Ratio: 4.12 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 8.51 Passed ⁶	Ratio: 3.98 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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