

Converting Colors - WCAG Matrix

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

Hex(46464D) Hex(595963) Hex(4A464D) Hex(232226) Hex(060066) Hex(0F00E6)

	Hex(46464D)	Hex(595963)	Hex(4A464D)	Hex(232226)	Hex(060066)	Hex(0F00E6)
Hex(46464D)		Ratio: 1.35 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(595963)	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(4A464D)	Ratio: 1.01 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(232226)	Ratio: 1.69 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(060066)	Ratio: 1.87 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.80 Failed ⁵
Hex(0F00E6)	Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.80 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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