

Converting Colors - WCAG Matrix

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

Hex(46525D) Hex(6F7478) Hex(465D52) Hex(383B3D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(46525D)	Hex(6F7478)	Hex(465D52)	Hex(383B3D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(46525D)		Ratio: 1.69 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(6F7478)	Ratio: 1.69 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(465D52)	Ratio: 1.12 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(383B3D)	Ratio: 1.41 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BDBDBD)	Ratio: 4.26 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 6.01 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.36 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	

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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