

Converting Colors - WCAG Matrix

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

Hex(474DBD) Hex(3D46F5) Hex(7A47BD) Hex(55555E) Hex(00089E) Hex(00021F)

	Hex(474DBD)	Hex(3D46F5)	Hex(7A47BD)	Hex(55555E)	Hex(00089E)	Hex(00021F)
Hex(474DBD)		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(3D46F5)	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(7A47BD)	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(55555E)	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(00089E)	Ratio: 2.00 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(00021F)	Ratio: 2.98 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.49 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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