

Converting Colors - WCAG Matrix

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

Hex(7D4A75) Hex(A35396) Hex(7D4A5C) Hex(40393F) Hex(80006B) Hex(000000)

	Hex(7D4A75)	Hex(A35396)	Hex(7D4A5C)	Hex(40393F)	Hex(80006B)	Hex(000000)
Hex(7D4A75)		Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(A35396)	Ratio: 1.36 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(7D4A5C)	Ratio: 1.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(40393F)	Ratio: 1.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(80006B)	Ratio: 1.46 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(000000)	Ratio: 3.11 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.13 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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