

Converting Colors - WCAG Matrix

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

Hex(6F7A99) Hex(8596C7) Hex(796F99) Hex(45474D) Hex(00258C) Hex(00030D)

	Hex(6F7A99)	Hex(8596C7)	Hex(796F99)	Hex(45474D)	Hex(00258C)	Hex(00030D)
Hex(6F7A99)		Ratio: 1.46 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(8596C7)	Ratio: 1.46 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 7.05 Passed ⁶
Hex(796F99)	Ratio: 1.08 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.46 AA 18pt ²
Hex(45474D)	Ratio: 2.18 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(00258C)	Ratio: 2.99 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(00030D)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 4.46 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.61 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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