

Converting Colors - WCAG Matrix

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

Hex(42638A) Hex(4276B3) Hex(44428A) Hex(3E4145) Hex(003D85) Hex(000205)

Hex(42638A)		Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(4276B3)	Ratio: 1.32 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(44428A)	Ratio: 1.41 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(3E4145)	Ratio: 1.65 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(003D85)	Ratio: 1.69 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(000205)	Ratio: 3.35 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.98 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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