

Converting Colors - WCAG Matrix

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

Hex(602DB9) Hex(6516F0) Hex(A42DB9) Hex(56535C) Hex(39009C) Hex(0A001C)

	Hex(602DB9)	Hex(6516F0)	Hex(A42DB9)	Hex(56535C)	Hex(39009C)	Hex(0A001C)
Hex(602DB9)		Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(6516F0)	Ratio: 1.14 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(A42DB9)	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(56535C)	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(39009C)	Ratio: 1.56 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(0A001C)	Ratio: 2.50 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.71 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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