

Converting Colors - WCAG Matrix

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

Hex(6E5EA1) Hex(8269D1) Hex(8F5EA1) Hex(4B4952) Hex(230091) Hex(040012)

	Hex(6E5EA1)	Hex(8269D1)	Hex(8F5EA1)	Hex(4B4952)	Hex(230091)	Hex(040012)
Hex(6E5EA1)		Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(8269D1)	Ratio: 1.29 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(8F5EA1)	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(4B4952)	Ratio: 1.59 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(230091)	Ratio: 2.55 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.46 Failed ⁵
Hex(040012)	Ratio: 3.73 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 4.23 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.46 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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