

Converting Colors - WCAG Matrix

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

Hex(6860FF) Hex(4940FF) Hex(B760FF) Hex(737380) Hex(0A00BF) Hex(030040)

	Hex(6860FF)	Hex(4940FF)	Hex(B760FF)	Hex(737380)	Hex(0A00BF)	Hex(030040)
Hex(6860FF)		Ratio: 1.36 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 4.37 AA 18pt ²
Hex(4940FF)	Ratio: 1.36 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(B760FF)	Ratio: 1.30 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(737380)	Ratio: 1.05 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(0A00BF)	Ratio: 2.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.55 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(030040)	Ratio: 4.37 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 1.64 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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