

Converting Colors - WCAG Matrix

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

Hex(0F0FDA) Hex(0000FF) Hex(750FDA) Hex(63636E) Hex(0000AD) Hex(00002E)

	Hex(0F0FDA)	Hex(0000FF)	Hex(750FDA)	Hex(63636E)	Hex(0000AD)	Hex(00002E)
Hex(0F0FDA)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(0000FF)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(750FDA)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(63636E)	Ratio: 1.69 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(0000AD)	Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(00002E)	Ratio: 2.02 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.54 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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