

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0A50FF) Hex(0048FF) Hex(3F0AFF) Hex(737680) Hex(0036BF) Hex(001240)

	Hex(0A50FF)	Hex(0048FF)	Hex(3F0AFF)	Hex(737680)	Hex(0036BF)	Hex(001240)
Hex(0A50FF)		Ratio: 1.07 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(0048FF)	Ratio: 1.07 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(3F0AFF)	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(737680)	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(0036BF)	Ratio: 1.58 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.96 Failed ⁵
Hex(001240)	Ratio: 3.11 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.96 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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