

Converting Colors - WCAG Matrix

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

Hex(0600FF) Hex(8400FF) Hex(737380) Hex(0400BF) Hex(010040)

	Hex(0600FF)	Hex(8400FF)	Hex(737380)	Hex(0400BF)	Hex(010040)
Hex(0600FF)		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8400FF)	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(737380)	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(0400BF)	Ratio: 1.40 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(010040)	Ratio: 2.28 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 1.63 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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