

Converting Colors - WCAG Matrix

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

Hex(A4A1FF) Hex(928FFF) Hex(D2A1FF) Hex(737380) Hex(0600BF) Hex(020040)

	Hex(A4A1FF)	Hex(928FFF)	Hex(D2A1FF)	Hex(737380)	Hex(0600BF)	Hex(020040)
Hex(A4A1FF)		Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 8.47 Passed ⁶
Hex(928FFF)	Ratio: 1.20 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 7.05 Passed ⁶
Hex(D2A1FF)	Ratio: 1.13 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 9.55 Passed ⁶
Hex(737380)	Ratio: 2.03 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(0600BF)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 2.55 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(020040)	Ratio: 8.47 Passed ⁶	Ratio: 7.05 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 4.17 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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