

Converting Colors - WCAG Matrix

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

Hex(8693FF) Hex(6E7DFF) Hex(B486FF) Hex(737480) Hex(0015BF) Hex(000740)

	Hex(8693FF)	Hex(6E7DFF)	Hex(B486FF)	Hex(737480)	Hex(0015BF)	Hex(000740)
Hex(8693FF)		Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(6E7DFF)	Ratio: 1.26 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(B486FF)	Ratio: 1.02 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 7.06 Passed ⁶
Hex(737480)	Ratio: 1.68 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(0015BF)	Ratio: 4.10 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(000740)	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.06 Passed ⁶	Ratio: 4.11 AA 18pt ²	Ratio: 1.68 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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