

Converting Colors - WCAG Matrix

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

Hex(486CFF) Hex(244FFF) Hex(7F48FF) Hex(737580) Hex(0026BF) Hex(000D40)

	Hex(486CFF)	Hex(244FFF)	Hex(7F48FF)	Hex(737580)	Hex(0026BF)	Hex(000D40)
Hex(486CFF)		Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(244FFF)	Ratio: 1.34 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(7F48FF)	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(737580)	Ratio: 1.06 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(0026BF)	Ratio: 2.40 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.79 Failed ⁵
Hex(000D40)	Ratio: 4.30 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 1.79 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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