

Converting Colors - WCAG Matrix

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

Hex(1A4DCD) Hex(0049FF) Hex(3E1ACD) Hex(5C5F66) Hex(002FA6) Hex(000B26)

	Hex(1A4DCD)	Hex(0049FF)	Hex(3E1ACD)	Hex(5C5F66)	Hex(002FA6)	Hex(000B26)
Hex(1A4DCD)		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(0049FF)	Ratio: 1.14 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(3E1ACD)	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(5C5F66)	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(002FA6)	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.82 Failed ⁵
Hex(000B26)	Ratio: 2.78 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.82 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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