

Converting Colors - WCAG Matrix

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

Hex(1663DD) Hex(0063FF) Hex(2A16DD) Hex(63676E) Hex(0043AD) Hex(00122E)

	Hex(1663DD)	Hex(0063FF)	Hex(2A16DD)	Hex(63676E)	Hex(0043AD)	Hex(00122E)
Hex(1663DD)		Ratio: 1.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(0063FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(2A16DD)	Ratio: 1.71 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(63676E)	Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(0043AD)	Ratio: 1.61 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(00122E)	Ratio: 3.43 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.14 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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