

Converting Colors - WCAG Matrix

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

Hex(001DB6) Hex(0026ED) Hex(3D00B6) Hex(53545C) Hex(00199C) Hex(00041C)

	Hex(001DB6)	Hex(0026ED)	Hex(3D00B6)	Hex(53545C)	Hex(00199C)	Hex(00041C)
Hex(001DB6)		Ratio: 1.35 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(0026ED)	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(3D00B6)	Ratio: 1.01 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(53545C)	Ratio: 1.51 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(00199C)	Ratio: 1.14 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.57 Failed ⁵
Hex(00041C)	Ratio: 1.79 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.57 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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