

Converting Colors - WCAG Matrix

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

Hex(0F36BD) Hex(0037F5) Hex(3D0FBD) Hex(55575E) Hex(00239E) Hex(00071F)

	Hex(0F36BD)	Hex(0037F5)	Hex(3D0FBD)	Hex(55575E)	Hex(00239E)	Hex(00071F)
Hex(0F36BD)		Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(0037F5)	Ratio: 1.26 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(3D0FBD)	Ratio: 1.14 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(55575E)	Ratio: 1.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(00239E)	Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(00071F)	Ratio: 2.17 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.65 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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