

Converting Colors - WCAG Matrix

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

Hex(2F437C) Hex(2847A1) Hex(412F7C) Hex(37393D) Hex(00207D) Hex(0042FC)

	Hex(2F437C)	Hex(2847A1)	Hex(412F7C)	Hex(37393D)	Hex(00207D)	Hex(0042FC)
Hex(2F437C)		Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(2847A1)	Ratio: 1.13 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(412F7C)	Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(37393D)	Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(00207D)	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0042FC)	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.12 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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