

Converting Colors - WCAG Matrix

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

Hex(626CA1) Hex(6F7ED1) Hex(7762A1) Hex(494B52) Hex(001691) Hex(000312)

	Hex(626CA1)	Hex(6F7ED1)	Hex(7762A1)	Hex(494B52)	Hex(001691)	Hex(000312)
Hex(626CA1)		Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(6F7ED1)	Ratio: 1.34 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(7762A1)	Ratio: 1.03 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(494B52)	Ratio: 1.73 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(001691)	Ratio: 2.74 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(000312)	Ratio: 4.09 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.49 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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