

Converting Colors - WCAG Matrix

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

Hex(5462D4) Hex(455AFF) Hex(8554D4) Hex(60626B) Hex(0013AB) Hex(00052B)

	Hex(5462D4)	Hex(455AFF)	Hex(8554D4)	Hex(60626B)	Hex(0013AB)	Hex(00052B)
Hex(5462D4)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(455AFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(8554D4)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(60626B)	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(0013AB)	Ratio: 2.42 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.59 Failed ⁵
Hex(00052B)	Ratio: 3.86 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.59 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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