

Converting Colors - WCAG Matrix

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

Hex(626DFF) Hex(4250FF) Hex(A362FF) Hex(737480) Hex(000DBF) Hex(000440)

	Hex(626DFF)	Hex(4250FF)	Hex(A362FF)	Hex(737480)	Hex(000DBF)	Hex(000440)
Hex(626DFF)		Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(4250FF)	Ratio: 1.35 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(A362FF)	Ratio: 1.12 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(737480)	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(000DBF)	Ratio: 2.85 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.51 Failed ⁵		Ratio: 1.66 Failed ⁵
Hex(000440)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 1.66 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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