

Converting Colors - WCAG Matrix

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

	Hex(0026E6)	Hex(FFFFFF)	Hex(7058FF)	Hex(9372FF)	Hex(B38DFF)	Hex(D4A8FF)	Hex(F4C4FF)	Hex(FFE0FF)	Hex(FFDFFF)
Hex(0026E6)		Ratio: 8.68 Passed ⁶	Ratio: 1.87 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 8.57 Passed ⁶
Hex(FFFFFF)	Ratio: 8.68 Passed ⁶		Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(7058FF)	Ratio: 1.87 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴		Ratio: 1.35 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(9372FF)	Ratio: 2.52 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.35 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(B38DFF)	Ratio: 3.38 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(D4A8FF)	Ratio: 4.48 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(F4C4FF)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFE0FF)	Ratio: 7.17 Passed ⁶	Ratio: 1.21 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFDFFF)	Ratio: 8.57 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 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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