

Converting Colors - WCAG Matrix

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

Hex(D762DF) Hex(F454FF) Hex(DF62A9) Hex(6F6570) Hex(A400B0) Hex(2D0030)

	Hex(D762DF)	Hex(F454FF)	Hex(DF62A9)	Hex(6F6570)	Hex(A400B0)	Hex(2D0030)
Hex(D762DF)		Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(F454FF)	Ratio: 1.13 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(DF62A9)	Ratio: 1.04 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(6F6570)	Ratio: 1.78 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(A400B0)	Ratio: 2.09 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(2D0030)	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.78 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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