

Converting Colors - WCAG Matrix

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

Hex(2D6EAA) Hex(00568F) Hex(003F76) Hex(00295D) Hex(001545) Hex(00042E) Hex(000118) Hex(000000)

	Hex(2D6EAA)	Hex(00568F)	Hex(003F76)	Hex(00295D)	Hex(001545)	Hex(00042E)	Hex(000118)	Hex(000000)
Hex(2D6EAA)		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(00568F)	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(003F76)	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(00295D)	Ratio: 2.66 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(001545)	Ratio: 3.29 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(00042E)	Ratio: 3.71 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(000118)	Ratio: 3.85 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.92 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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