

Converting Colors - WCAG Matrix

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

Hex(484A4F) Hex(5B5E66) Hex(49484F) Hex(222426) Hex(001D66) Hex(0042E6)

	Hex(484A4F)	Hex(5B5E66)	Hex(49484F)	Hex(222426)	Hex(001D66)	Hex(0042E6)
Hex(484A4F)		Ratio: 1.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(5B5E66)	Ratio: 1.37 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(49484F)	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(222426)	Ratio: 1.76 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(001D66)	Ratio: 1.73 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0042E6)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.14 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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