

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(6D80C5) Hex(7593FF) Hex(866DC5) Hex(5A5C63) Hex(0023A3) Hex(000824)**

	Hex(6D80C5)	Hex(7593FF)	Hex(866DC5)	Hex(5A5C63)	Hex(0023A3)	Hex(000824)
Hex(6D80C5)		Ratio: <a href="#">1.33</a> Failed <sup>5</sup>	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.76</a> Failed <sup>5</sup>	Ratio: <a href="#">3.13</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">5.23</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(7593FF)	Ratio: <a href="#">1.33</a> Failed <sup>5</sup>		Ratio: <a href="#">1.47</a> Failed <sup>5</sup>	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">4.17</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">6.96</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(866DC5)	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.47</a> Failed <sup>5</sup>		Ratio: <a href="#">1.59</a> Failed <sup>5</sup>	Ratio: <a href="#">2.83</a> Failed <sup>5</sup>	Ratio: <a href="#">4.72</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(5A5C63)	Ratio: <a href="#">1.76</a> Failed <sup>5</sup>	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.59</a> Failed <sup>5</sup>		Ratio: <a href="#">1.78</a> Failed <sup>5</sup>	Ratio: <a href="#">2.97</a> Failed <sup>5</sup>
Hex(0023A3)	Ratio: <a href="#">3.13</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.17</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.83</a> Failed <sup>5</sup>	Ratio: <a href="#">1.78</a> Failed <sup>5</sup>		Ratio: <a href="#">1.67</a> Failed <sup>5</sup>
Hex(000824)	Ratio: <a href="#">5.23</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">6.96</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">4.72</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">2.97</a> Failed <sup>5</sup>	Ratio: <a href="#">1.67</a> Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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