

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(007FD1) Hex(009BFF) Hex(0018D1) Hex(5E6469) Hex(0066A8) Hex(001929)**

<b>Hex(007FD1)</b>		<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.23</a> AA 18pt <sup>2</sup>
<b>Hex(009BFF)</b>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.48</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.09</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(0018D1)</b>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.48</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>
<b>Hex(5E6469)</b>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>
<b>Hex(0066A8)</b>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.96</a> Failed <sup>5</sup>
<b>Hex(001929)</b>	<a href="#">Ratio: 4.23</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.09</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.96</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.