

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(0F5D96) Hex(0070C2) Hex(0F1A96) Hex(43474A) Hex(00508A) Hex(00060A)**

	Hex(0F5D96)	Hex(0070C2)	Hex(0F1A96)	Hex(43474A)	Hex(00508A)	Hex(00060A)
Hex(0F5D96)		<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.94</a> Failed <sup>5</sup>
Hex(0070C2)	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>
Hex(0F1A96)	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>
Hex(43474A)	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>
Hex(00508A)	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>
Hex(00060A)	<a href="#">Ratio: 2.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</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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