

# Converting Colors - WCAG Matrix

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

**Hex(4B5090) Hex(A0A2BA) Hex(4B908A) Hex(4E505E) Hex(DEDEDE) Hex(5E5E5E)**

	Hex(4B5090)	Hex(A0A2BA)	Hex(4B908A)	Hex(4E505E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(4B5090)		<a href="#">Ratio: 2.94</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.98</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.08</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.14</a> <a href="#">Failed</a> <sup>5</sup>
Hex(A0A2BA)	<a href="#">Ratio: 2.94</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.18</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.86</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.59</a> <a href="#">Failed</a> <sup>5</sup>
Hex(4B908A)	<a href="#">Ratio: 1.98</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.15</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.76</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.75</a> <a href="#">Failed</a> <sup>5</sup>
Hex(4E505E)	<a href="#">Ratio: 1.08</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.18</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.15</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 5.93</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>
Hex(DEDEDE)	<a href="#">Ratio: 5.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.86</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.76</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.93</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 4.82</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(5E5E5E)	<a href="#">Ratio: 1.14</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.59</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.75</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.82</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).