

Converting Colors

Hex(5B6C9B)

Have a look what the booklet for
Hex(5B6C9B) contains.

Hex(5B6C9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B6C9B)

Conversions

Conversions Part 1

Format	Color
Hex	5B6C9B
RGB	91, 108, 155
RGB Percent	36%, 42%, 61%
CMY	0.6431, 0.5765, 0.3922
CMYK	0.41, 0.30, 0.00, 0.39
HSL	224°, 26%, 48%
HSV	224°, 41%, 61%
XYZ	15.5933, 15.3158, 33.1447
YIQ	108.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

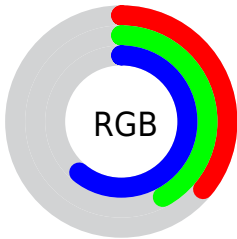
Format	Color
R_{YB}	91, 104, 155
Decimal	5991579
CIE Lab	46.06, 6.20, -27.53
CIE LCh	46, 28.222, 282.694
Yxy	15.3158, 0.2434, 0.2391
Android (android.graphics.Color)	4284181659 (0xFF5B6C9B)
YUV	108.2750, 23.0354, -15.1502
Hunter-Lab	39.1354, 2.6355, -22.8193

Details

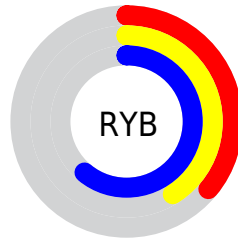
The Hex color **5B6C9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8A5B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **909FD2**, and **283D68** is the 20% darker color. If you saturate the color by 10%, you get **4C619B**, and if you desaturate by 10%, it is **6B779B**.

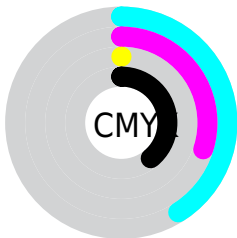
Distribution



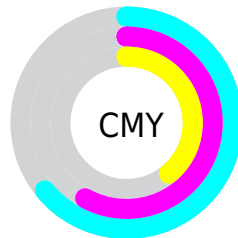
- Red (36%)
- Green (42%)
- Blue (61%)



- Red (36%)
- Yellow (41%)
- Blue (61%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6C9B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5B6C9B by changing the saturation by 10% instead.

■ 5B6C9B

■ 5B6C9B

FFFFFF

■ 425481

■ 909FD2

■ 283D68

■ ABBAEE

■ 0B274F

■ C7D6FF

■ 001338

■ E3F2FF

■ 000222

■ 000009

■ 000000

■ 5B6C9B

■ 5B6C9B

■ 4C619B

■ 6B779B

■ 3C559B

■ 7A839B

■ 2D4A9B

■ 8A8E9B

■ 1D3E9B

■ 999A9B

■ 0E339B

■ A9A59B

■ 00299B

■ B8B09B

■ C8BC9B

■ D7C79B

■ E7D29B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31739A



5B6C9B



7D6390

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5B6C9B



975F4E



3A795E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5B6C9B



9B8A5B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58754A



5B6C9B



886740

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5B6C9B



9B5B64



736F3E



137A77

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5B6C9B



8D5E83



736F3E



457857

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5B6C9B



B1B8C9



5B9B8A



585C66



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5B6C9B



657FC9



6A5B9B



45474D



00258C



00030D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9B5B6C



C9657F



8C9B5B



4D4547



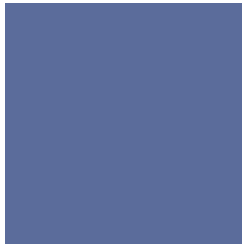
8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 5B6C9B looks on a white background.

Color Contrast Check

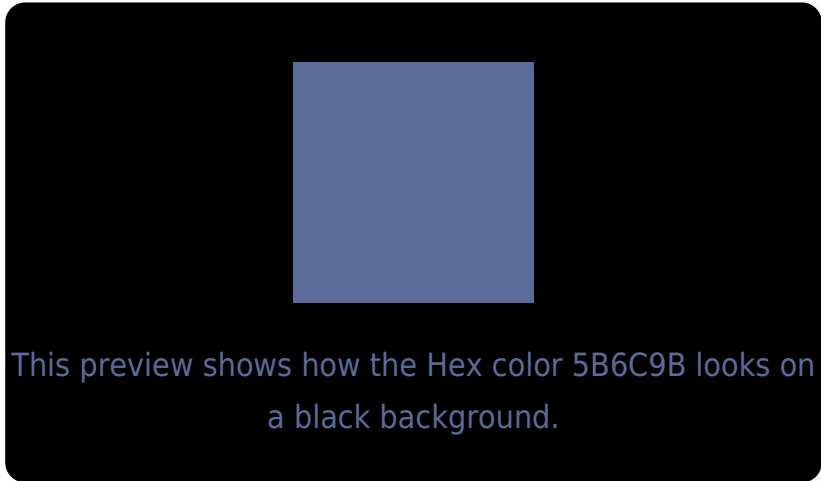
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

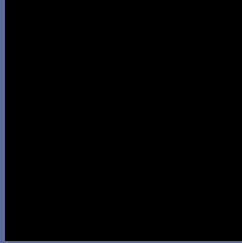
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

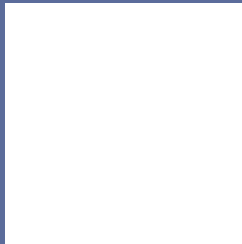
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B6C9B Background



This preview shows how black text looks on a background with the Hex color 5B6C9B.

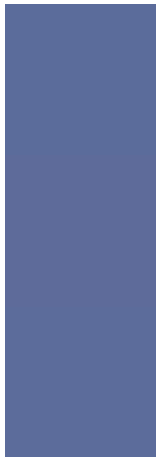


This preview shows how white text looks on a background with the Hex color 5B6C9B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5B6C9B

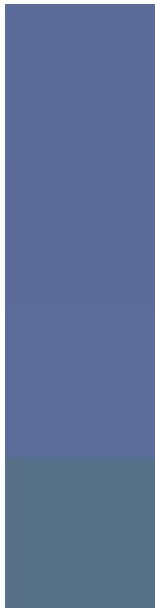
Protanopia
5E6B9A

Deuteranopia
5C6C9B



Tritanopia
53727B

Trichromacy



Original Color
5B6C9B

Protanomaly
5D6B9A

Deuteranomaly
5C6C9B

Tritanomaly
567087

Monochromacy



Original Color
5B6C9B

Achromatopsia
6C6C6C

Achromatomaly
666C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6C9B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5B6C9B looks like.

```
.text, #text, p{  
    color:#5B6C9B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5B6C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6C9B
}
```

Border

The CSS property to change the border of an element to Hex 5B6C9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6C9B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5B6C9B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5B6C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6C9B; -webkit-box-shadow:4px 4px  
4px 4px #5B6C9B; box-shadow:4px 4px 4px  
4px #5B6C9B }
```

Background

The CSS property to change the background color of an element to Hex 5B6C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6C9B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5B6C9B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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