

Converting Colors

Hex(5B7CA9)

Have a look what the booklet for
Hex(5B7CA9) contains.

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Color

Hex(5B7CA9)

Conversions

Conversions Part 1

Format	Color
Hex	5B7CA9
RGB	91, 124, 169
RGB Percent	36%, 49%, 66%
CMY	0.6431, 0.5137, 0.3373
CMYK	0.46, 0.27, 0.00, 0.34
HSL	215°, 31%, 51%
HSV	215°, 46%, 66%
XYZ	18.6835, 19.5040, 40.3160
YIQ	119.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

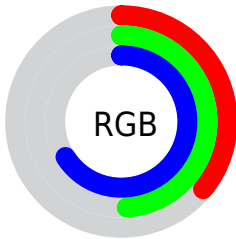
Format	Color
RYP	91, 114, 169
Decimal	5995689
CIELab	51.27, 0.76, -27.63
CIElCh	51, 27.641, 271.568
Yxy	19.5040, 0.2380, 0.2484
Android (android.graphics.Color)	4284185769 (0xFF5B7CA9)
YUV	119.2630, 24.5203, -24.7867
Hunter-Lab	44.1634, -1.7708, -23.2106

Details

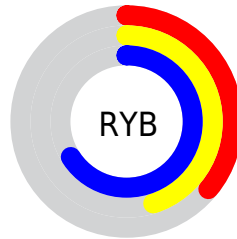
The Hex color **5B7CA9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A9885B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **91B0E0**, and **254B75** is the 20% darker color. If you saturate the color by 10%, you get **4A72A9**, and if you desaturate by 10%, it is **6C86A9**.

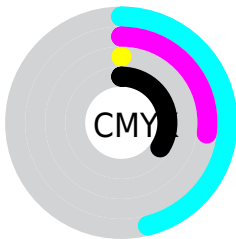
Distribution



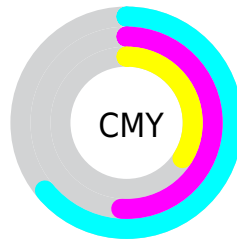
- Red (36%)
- Green (49%)
- Blue (66%)



- Red (36%)
- Yellow (45%)
- Blue (66%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7CA9 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 5B7CA9 by changing the saturation by 10% instead.

■ 5B7CA9

■ 5B7CA9

FFFFFF

■ 41638E

■ 91B0E0

■ 254B75

■ ACCCFD

■ 00355C

■ C8E8FF

■ 002044

■ E5FFFF

■ 00072E

■ 000118

■ 000000

■ 5B7CA9

■ 5B7CA9

■ 4A72A9

■ 6C86A9

■ 3969A9

■ 7D8FA9

■ 285FA9

■ 8E99A9

■ 1755A9

■ 9FA3A9

■ 064BA9

■ AFADA9

■ 0048A9

■ C0B6A9

■ D1C0A9

■ E2CAA9

■ F3D4A9

Harmonies

Analogous

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



3583A3



5B7CA9



7F74A2

Triad

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



5B7CA9



A76A63



548563

Complementary

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



5B7CA9



A9885B

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.



708051



5B7CA9



9C7151

Square

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



5B7CA9



A7687A



89794B



36877B

Rectangle

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



5B7CA9



926E98



89794B



5D845C

Sweetspot

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



5B7CA9



BDCADB



5BA987



5B636E



EDEDED



6E6E6E

Same Dimension

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



5B7CA9



6396DB



605BA9



4C4F54



003F94



000914

Inverse Universe

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



A95B7C



DB6396



A4A95B



544C4F



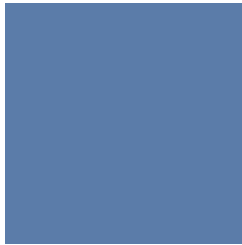
94003F



140009

Previews

White Background



This preview shows how the Hex color 5B7CA9 looks on a white background.

Color Contrast Check

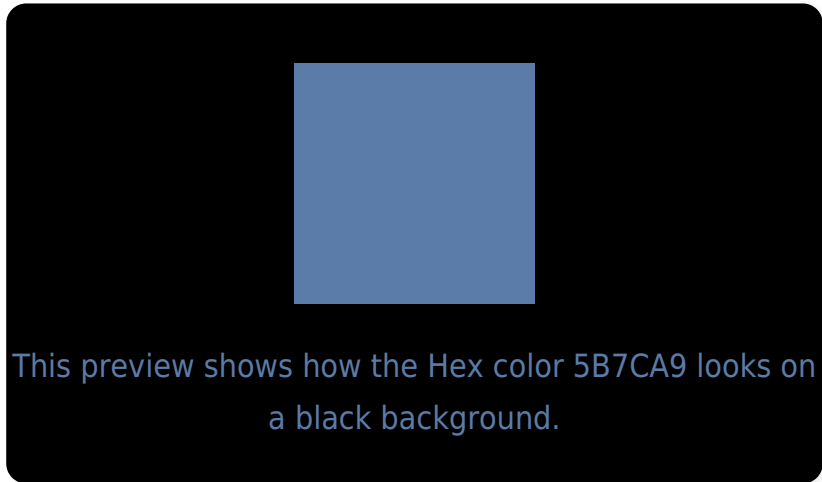
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

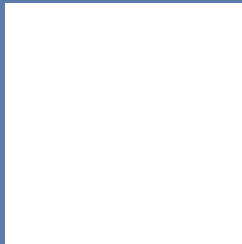
Any Text WCAG AAA × Fail

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

Hex 5B7CA9 Background



This preview shows how black text looks on a background with the Hex color 5B7CA9.

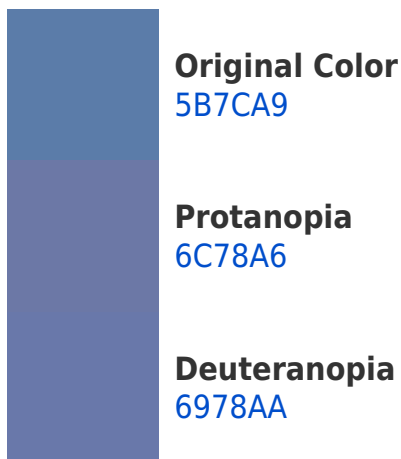



This preview shows how white text looks on a background with the Hex color 5B7CA9.

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](#).

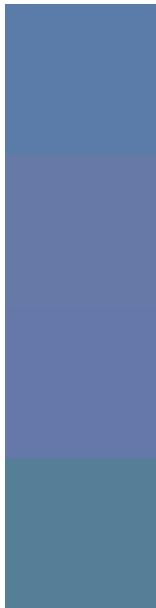
Dichromacy





Tritanopia
52818C

Trichromacy



Original Color
5B7CA9

Protanomaly
6679A7

Deuteranomaly
6479AA

Tritanomaly
557F97

Monochromacy



Original Color
5B7CA9

Achromatopsia
777777

Achromatomaly
6D7989

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7CA9 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 #5B7CA9 looks like.

```
.text, #text, p{  
    color:#5B7CA9  
}
```

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 #5B7CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7CA9
}
```

Border

The CSS property to change the border of an element to Hex 5B7CA9 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
#5B7CA9 }
```

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

```
.border{ border-color:#5B7CA9 }
```

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

Here you see how a box with a 4 pixel #5B7CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7CA9; -webkit-box-shadow:4px 4px  
4px 4px #5B7CA9; box-shadow:4px 4px 4px  
4px #5B7CA9 }
```

Background

The CSS property to change the background color of an element to Hex 5B7CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7CA9 }
```

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

```
.background{ background-color:#5B7CA9 }
```

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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