

Converting Colors

Hex(5C7ABA)

Have a look what the booklet for
Hex(5C7ABA) contains.

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Color

Hex(5C7ABA)

Conversions

Conversions Part 1

Format	Color
Hex	5C7ABA
RGB	92, 122, 186
RGB Percent	36%, 48%, 73%
CMY	0.6392, 0.5216, 0.2706
CMYK	0.51, 0.34, 0.00, 0.27
HSL	221°, 41%, 55%
HSV	221°, 51%, 73%
XYZ	20.2361, 19.7395, 49.1979
YIQ	120.3260, -38.4240, 13.5440

Conversions

Conversions Part 2

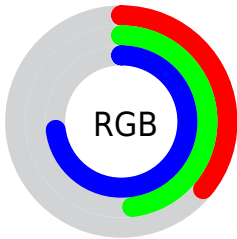
Format	Color
R _Y B	92, 115, 186
Decimal	6060730
CIE Lab	51.54, 7.43, -37.02
CIE LCh	52, 37.759, 281.354
Yxy	19.7395, 0.2269, 0.2214
Android (android.graphics.Color)	4284250810 (0xFF5C7ABA)
YUV	120.3260, 32.3773, -24.8419
Hunter-Lab	44.4292, 3.5500, -34.5533

Details

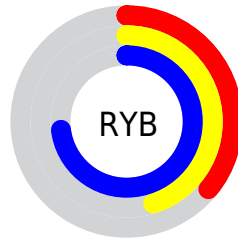
The Hex color **5C7ABA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BA9C5C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **93AEF2**, and **224A84** is the 20% darker color. If you saturate the color by 10%, you get **496DBA**, and if you desaturate by 10%, it is **6F87BA**.

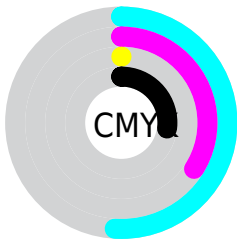
Distribution



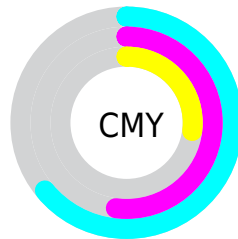
- Red (36%)
- Green (48%)
- Blue (73%)



- Red (36%)
- Yellow (45%)
- Blue (73%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (52%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7ABA 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 5C7ABA by changing the saturation by 10% instead.

■ 5C7ABA

■ 5C7ABA

FFFFFF

■ 40619F

■ 93AEF2

■ 224A84

■ AFC9FF

■ 00346B

■ CCE5FF

■ 001F52

■ E9FFFF

■ 00053B

■ 000224

■ 00000C

■ 000000

■ 5C7ABA

■ 5C7ABA

■ 496DBA

■ 6F87BA

■ 3761BA

■ 8193BA

■ 2454BA

■ 94A0BA

■ 1247BA

■ A6ADBA

■ 003BBA

■ B9B9BA

■ CCC6BA

■ DED3BA

■ F1DFBA

■ FFECBA

Harmonies

Analogous

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



0084B8



5C7ABA



8E6EAB

Triad

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



5C7ABA



B36752



308A65

Complementary

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



5C7ABA



BA9C5C

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.



5F8549



5C7ABA



9F723D

Square

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



5C7ABA



B86070



837D39



008B86

Rectangle

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



5C7ABA



A4669A



837D39



42895B

Sweetspot

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



5C7ABA



CEDAF2



5CBA9B



646B7A



FAFAFA



7A7A7A

Same Dimension

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



5C7ABA



5E8EF2



6C5CBA



53565C



00329C



00091C

Inverse Universe

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



BA5C7A



F25E8E



AABA5C



5C5356



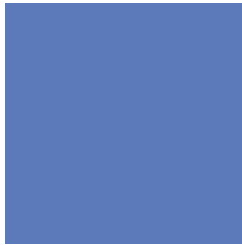
9C0032



1C0009

Previews

White Background



This preview shows how the Hex color 5C7ABA looks on a white background.

Color Contrast Check

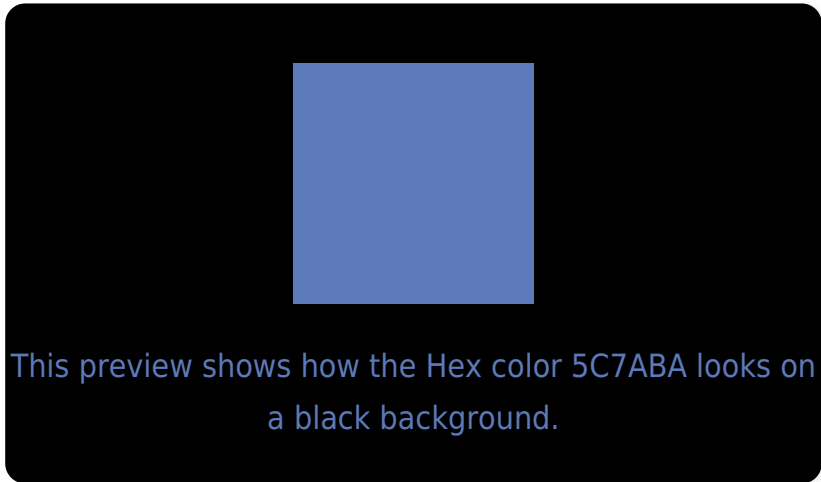
Large Text (above 18pt) WCAG AA ✓ Pass

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

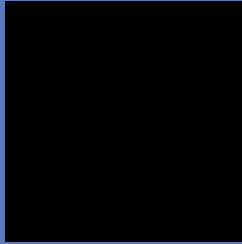
Any Text WCAG AA ✓ Pass

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 5C7ABA Background



This preview shows how black text looks on a background with the Hex color 5C7ABA.

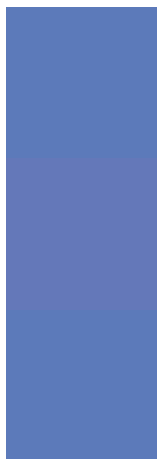


This preview shows how white text looks on a background with the Hex color 5C7ABA.

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
5C7ABA

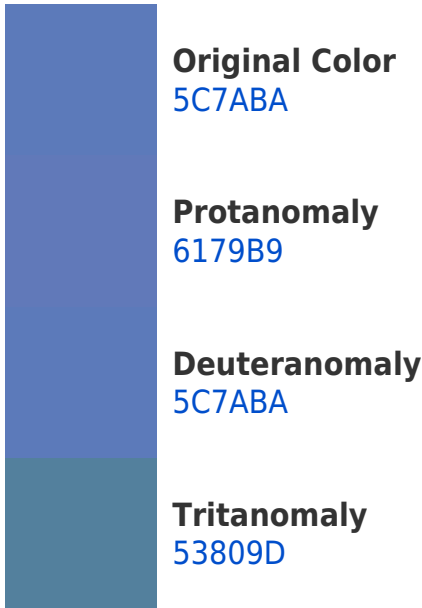
Protanopia
6478B9

Deuteranopia
5C7ABA

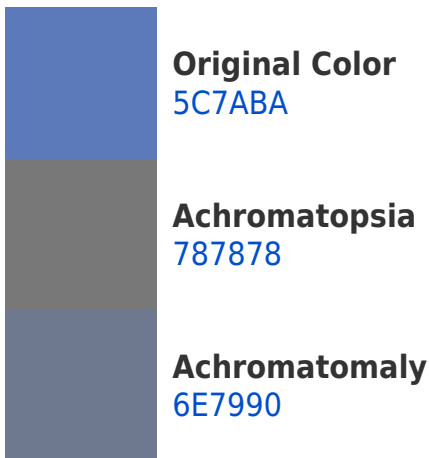


Tritanopia
4E838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7ABA 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 #5C7ABA looks like.

```
.text, #text, p{  
    color:#5C7ABA  
}
```

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 #5C7ABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7ABA
}
```

Border

The CSS property to change the border of an element to Hex 5C7ABA 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
#5C7ABA }
```

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

```
.border{ border-color:#5C7ABA }
```

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

Here you see how a box with a 4 pixel #5C7ABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7ABA; -webkit-box-shadow:4px 4px  
4px 4px #5C7ABA; box-shadow:4px 4px 4px  
4px #5C7ABA }
```

Background

The CSS property to change the background color of an element to Hex 5C7ABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7ABA }
```

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

```
.background{ background-color:#5C7ABA }
```

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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