

Converting Colors

Hex(607CBA)

Have a look what the booklet for
Hex(607CBA) contains.

Hex(607CBA)	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(607CBA)

Conversions

Conversions Part 1

Format	Color
Hex	607CBA
RGB	96, 124, 186
RGB Percent	38%, 49%, 73%
CMY	0.6235, 0.5137, 0.2706
CMYK	0.48, 0.33, 0.00, 0.27
HSL	221°, 39%, 55%
HSV	221°, 48%, 73%
XYZ	20.8944, 20.4473, 49.2998
YIQ	122.6960, -36.5900, 13.3460

Conversions

Conversions Part 2

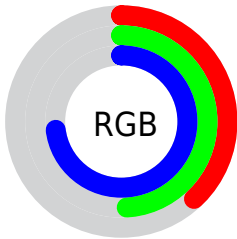
Format	Color
R _Y B	96, 117, 186
Decimal	6323386
CIE Lab	52.34, 7.20, -35.75
CIE LCh	52, 36.468, 281.385
Yxy	20.4473, 0.2305, 0.2256
Android (android.graphics.Color)	4284513466 (0xFF607CBA)
YUV	122.6960, 31.2089, -23.4124
Hunter-Lab	45.2187, 3.3479, -32.9881

Details

The Hex color **607CBA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BA9E60**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **97B0F2**, and **284C84** is the 20% darker color. If you saturate the color by 10%, you get **4D6FBA**, and if you desaturate by 10%, it is **7389BA**.

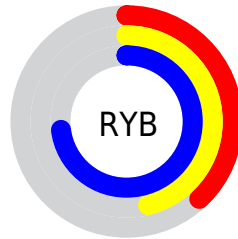
Distribution



Red (38%)

Green (49%)

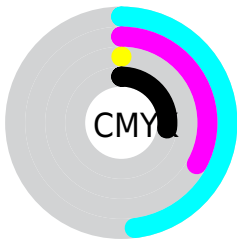
Blue (73%)



Red (38%)

Yellow (46%)

Blue (73%)

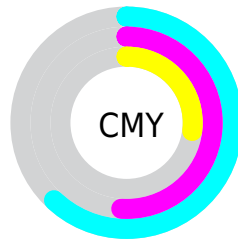


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607CBA 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 607CBA by changing the saturation by 10% instead.

■ 607CBA

■ 607CBA

FFFFFF

■ 45639F

■ 97B0F2

■ 284C84

■ B3CCFF

■ 00356B

■ CFE8FF

■ 002152

■ EDFFFF

■ 00083B

■ 000225

■ 00010D

■ 000000

■ 607CBA

■ 607CBA

■ 4D6FBA

■ 7389BA

■ 3B62BA

■ 8596BA

■ 2856BA

■ 98A2BA

■ 1649BA

■ AAAFBA

■ 033CBA

■ BDBCBA

■ 003ABA

■ D0C9BA

■ E2D6BA

■ F5E3BA

■ FFEFBA

Harmonies

Analogous

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



0C86B8



607CBA



8F70AC

Triad

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



607CBA



B36955



378C68

Complementary

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



607CBA



BA9E60

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.



62874C



607CBA



A07441

Square

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



607CBA



B86372



857F3E



008D88

Rectangle

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



607CBA



A5699B



857F3E



478A5E

Sweetspot

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



607CBA



CED9F2



60BA9E



646B7A



FAFAFA



7A7A7A

Same Dimension

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



607CBA



6691F2



7160BA



53555C



00309C



00091C

Inverse Universe

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



BA607C



F26691



AABA60



5C5355



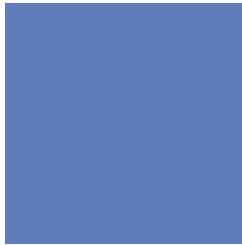
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 607CBA looks on a white background.

Color Contrast Check

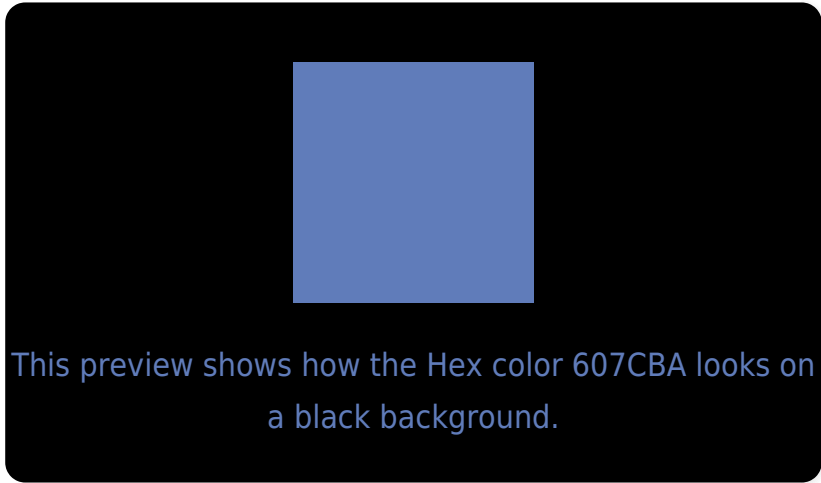
Large Text (above 18pt) WCAG AA ✓ Pass

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

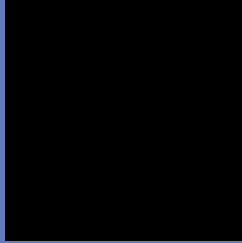
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

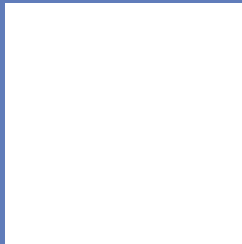
Any Text WCAG AAA × Fail

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

Hex 607CBA Background



This preview shows how black text looks on a background with the Hex color 607CBA.

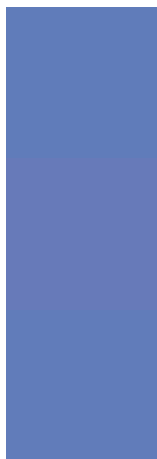


This preview shows how white text looks on a background with the Hex color 607CBA.

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
607CBA

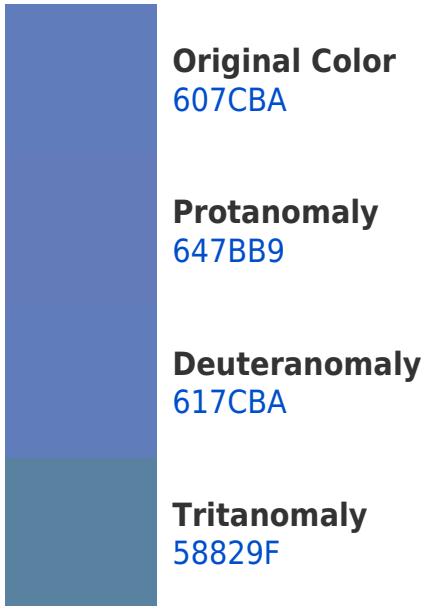
Protanopia
677AB9

Deuteranopia
617CBA



Tritanopia
53858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 607CBA 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 #607CBA looks like.

```
.text, #text, p{  
    color:#607CBA  
}
```

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 #607CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607CBA
}
```

Border

The CSS property to change the border of an element to Hex 607CBA 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
#607CBA }
```

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

```
.border{ border-color:#607CBA }
```

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

Here you see how a box with a 4 pixel #607CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607CBA; -webkit-box-shadow:4px 4px  
4px 4px #607CBA; box-shadow:4px 4px 4px  
4px #607CBA }
```

Background

The CSS property to change the background color of an element to Hex 607CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607CBA }
```

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

```
.background{ background-color:#607CBA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor