

# Converting Colors

Hex(607EE1)

Have a look what the booklet for  
Hex(607EE1) contains.

<b>Hex(607EE1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(607EE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	607EE1
RGB	96, 126, 225
RGB Percent	38%, 49%, 88%
CMY	0.6235, 0.5059, 0.1176
CMYK	0.57, 0.44, 0.00, 0.12
HSL	226°, 68%, 63%
HSV	226°, 57%, 88%
XYZ	25.8753, 22.8447, 74.2799
YIQ	128.3160, -49.6590, 24.4290

# Conversions

## Conversions Part 2

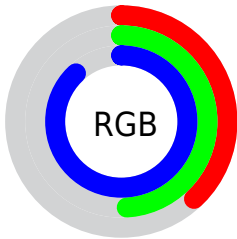
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 120, 225
Decimal	6323937
CIE <sub>Lab</sub>	54.91, 18.40, -53.80
CIE <sub>LCh</sub>	55, 56.860, 288.881
Y <sub>xy</sub>	22.8447, 0.2104, 0.1857
Android (android.graphics.Color)	4284514017 (0xFF607EE1)
YUV	128.3160, 47.6652, -28.3411
Hunter-Lab	47.7962, 12.9909, -58.6850

# Details

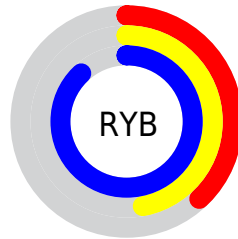
The Hex color **607EE1** is a light color, and the websafe version is hex **3366CC**. A complement of this color would be **E1C360**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9BB2FF**, and **184EA9** is the 20% darker color. If you saturate the color by 10%, you get **496DE1**, and if you desaturate by 10%, it is **768FE1**.

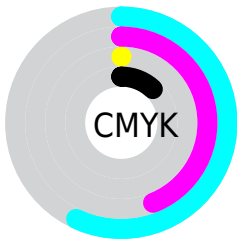
# Distribution



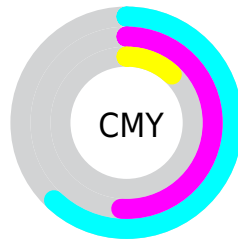
- Red (38%)
- Green (49%)
- Blue (88%)



- Red (38%)
- Yellow (47%)
- Blue (88%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (51%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607EE1 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 607EE1 by changing the saturation by 10% instead.



607EE1

607EE1

FFFFFF

4065C5

9BB2FF

184EA9

B8CEFF

00378E

D6EAFF

002374

F4FFFF

000F5B

000742

00032B

000116

000000

■ 607EE1

■ 607EE1

■ 496DE1

■ 768FE1

■ 335BE1

■ 8DA1E1

■ 1C4AE1

■ A3B2E1

■ 0639E1

■ BAC3E1

■ 0034E1

■ D1D4E1

■ E7E6E1

■ FEF7E1

■ FFFFE1

# Harmonies

## Analogous

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



008EE4



607EE1



AD68C5

# Triad

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



607EE1



CD663A



009A6F

# Complementary

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



607EE1



E1C360

# 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.



42943F



607EE1



AC7A18

# Square

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



607EE1



DC5667



7F8A19



009BA2

# Rectangle

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



607EE1



CA5BA8



7F8A19



00985E



# Sweetspot

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



607EE1



D4DEFF



60E1C3



666C80



000000



808080



# Same Dimension

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



607EE1



4F78FF



8260E1



656870



0029B0



000B30



# Inverse Universe

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



E1607E



FF4F78



BFE160



706568



B00029

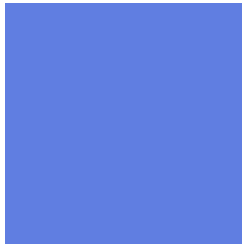


30000B



# Previews

## White Background



This preview shows how the Hex color 607EE1 looks on a white background.

## Color Contrast Check

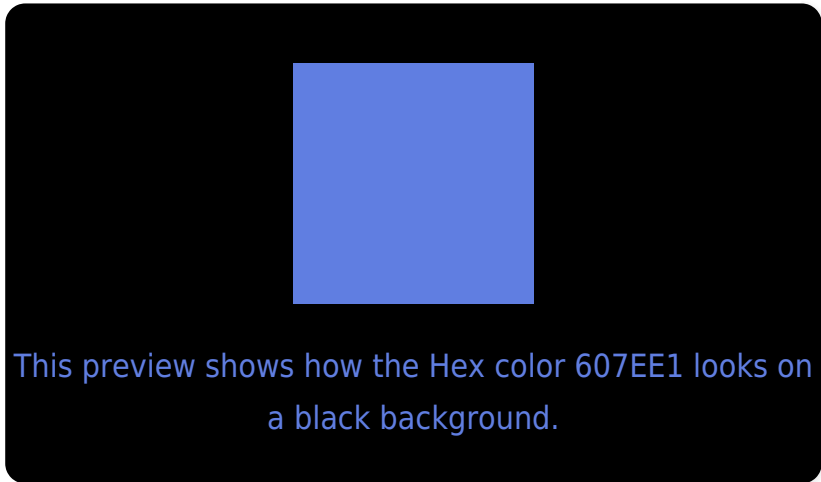
Large Text (above 18pt) WCAG AA ✓ Pass

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

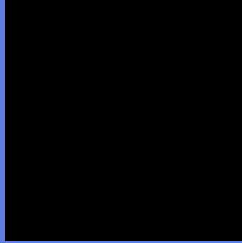
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 607EE1 Background



This preview shows how black text looks on a background with the Hex color 607EE1.



This preview shows how white text looks on a background with the Hex color 607EE1.

# 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



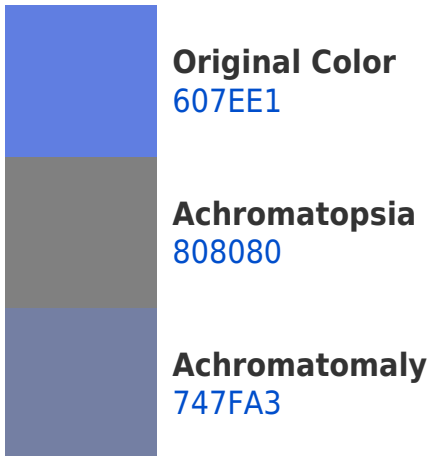


**Tritanopia**  
438E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607EE1 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 #607EE1 looks like.

```
.text, #text, p{  
    color:#607EE1  
}
```

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 #607EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607EE1
}
```

## Border

The CSS property to change the border of an element to Hex 607EE1 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
#607EE1 }
```

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

```
.border{ border-color:#607EE1 }
```

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

Here you see how a box with a 4 pixel #607EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607EE1; -webkit-box-shadow:4px 4px  
4px 4px #607EE1; box-shadow:4px 4px 4px  
4px #607EE1 }
```

# Background

The CSS property to change the background color of an element to Hex 607EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607EE1 }
```

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

```
.background{ background-color:#607EE1 }
```

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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