

Converting Colors

Hex(607AE6)

Have a look what the booklet for
Hex(607AE6) contains.

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Color

Hex(607AE6)

Conversions

Conversions Part 1

Format	Color
Hex	607AE6
RGB	96, 122, 230
RGB Percent	38%, 48%, 90%
CMY	0.6235, 0.5216, 0.0980
CMYK	0.58, 0.47, 0.00, 0.10
HSL	228°, 73%, 64%
HSV	228°, 58%, 90%
XYZ	26.0663, 22.1190, 77.7585
YIQ	126.5380, -50.1640, 28.0760

Conversions

Conversions Part 2

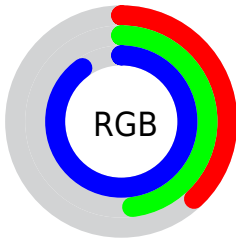
Format	Color
R _Y B	96, 118, 230
Decimal	6322918
CIE Lab	54.15, 22.47, -57.82
CIE LCh	54, 62.027, 291.236
Yxy	22.1190, 0.2070, 0.1756
Android (android.graphics.Color)	4284512998 (0xFF607AE6)
YUV	126.5380, 51.0068, -26.7818
Hunter-Lab	47.0309, 16.6276, -65.1055

Details

The Hex color **607AE6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E6CC60**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9CAEFF**, and **144AAE** is the 20% darker color. If you saturate the color by 10%, you get **4967E6**, and if you desaturate by 10%, it is **778DE6**.

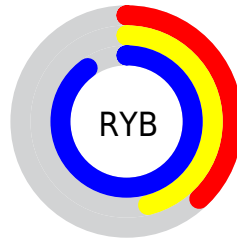
Distribution



Red (38%)

Green (48%)

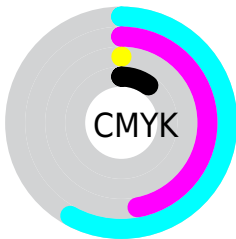
Blue (90%)



Red (38%)

Yellow (46%)

Blue (90%)

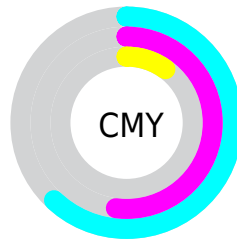


Cyan (58%)

Magenta (47%)

Yellow (0%)

Black (10%)



Cyan (62%)

Magenta (52%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607AE6 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 607AE6 by changing the saturation by 10% instead.

■ 607AE6

■ 607AE6

FFFFFF

■ 4061C9

■ 9CAEFF

■ 144AAE

■ B9C9FF

■ 003493

■ D7E5FF

■ 002078

■ F5FFFF

■ 000B5F

■ 000846

■ 00042F

■ 000119

■ 000000

■ 607AE6

■ 607AE6

■ 4967E6

■ 778DE6

■ 3255E6

■ 8E9FE6

■ 1B42E6

■ A5B2E6

■ 0430E6

■ BCC4E6

■ 002DE6

■ D3D7E6

■ EAE9E6

■ FFFCE6

■ FFFF6E

Harmonies

Analogous

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



008CEC



607AE6



B261C5

Triad

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



607AE6



CD632D



00996F

Complementary

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



607AE6



E6CC60

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.



2D9439



607AE6



A87900

Square

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



607AE6



E04E5E



778A01



009AA7

Rectangle

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



607AE6



D052A5



778A01



00985D

Sweetspot

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



607AE6



D4DCFF



60E6CB



666B80



000000



808080

Same Dimension

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



607AE6



4D6FFF



8860E6



676A73



0023B3



000A33

Inverse Universe

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



E6607A



FF4D6F



BEE660



73676A



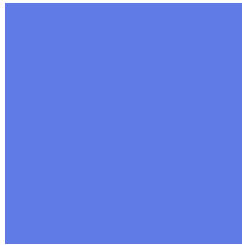
B30023



33000A

Previews

White Background



This preview shows how the Hex color 607AE6 looks on a white background.

Color Contrast Check

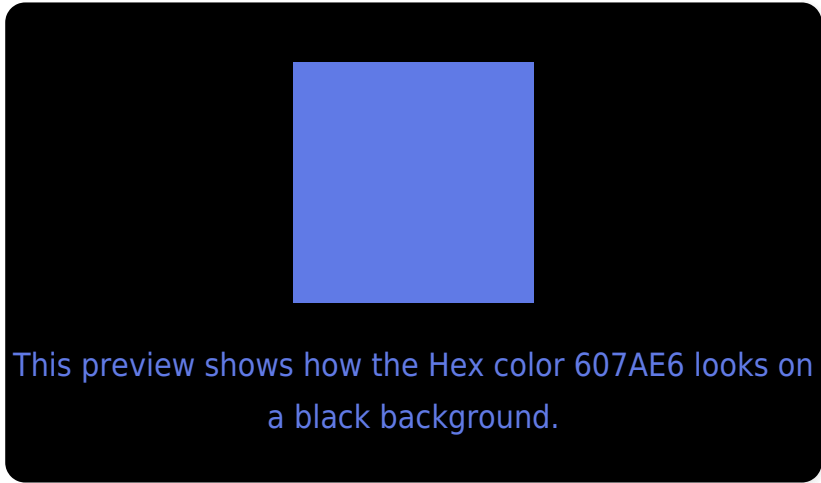
Large Text (above 18pt) WCAG AA ✓ Pass

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 607AE6 Background



This preview shows how black text looks on a background with the Hex color 607AE6.

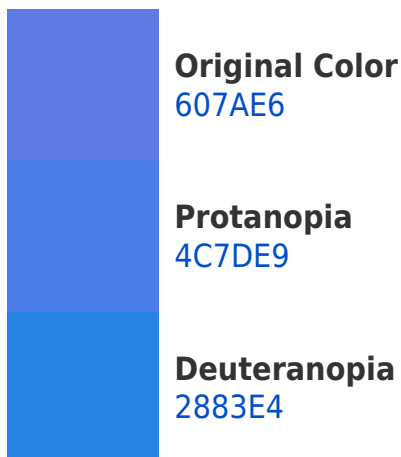


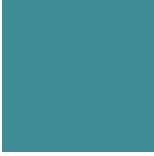
This preview shows how white text looks on a background with the Hex color 607AE6.

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](#).

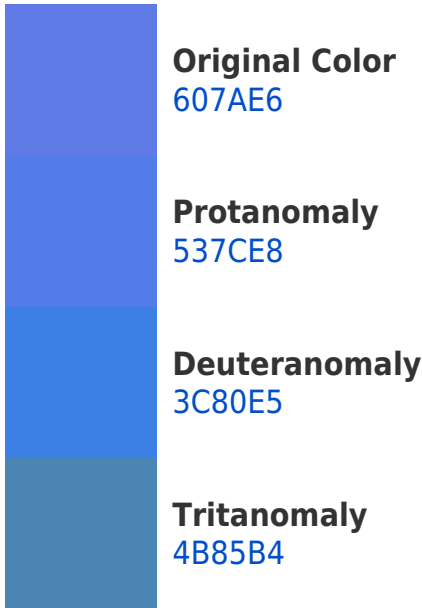
Dichromacy



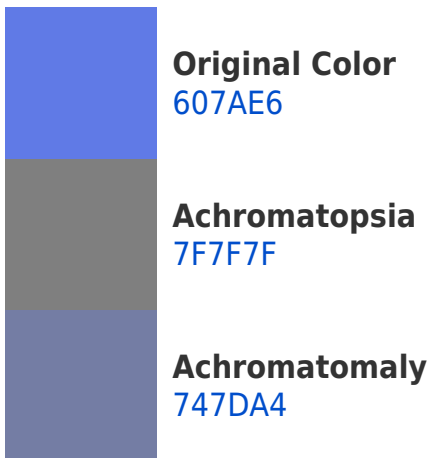


Tritanopia
3F8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 607AE6 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 #607AE6 looks like.

```
.text, #text, p{  
    color:#607AE6  
}
```

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 #607AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607AE6
}
```

Border

The CSS property to change the border of an element to Hex 607AE6 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
#607AE6 }
```

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

```
.border{ border-color:#607AE6 }
```

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

Here you see how a box with a 4 pixel #607AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607AE6; -webkit-box-shadow:4px 4px  
4px 4px #607AE6; box-shadow:4px 4px 4px  
4px #607AE6 }
```

Background

The CSS property to change the background color of an element to Hex 607AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607AE6 }
```

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

```
.background{ background-color:#607AE6 }
```

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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