

Converting Colors

Hex(607DD3)

Have a look what the booklet for
Hex(607DD3) contains.

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Color

Hex(607DD3)

Conversions

Conversions Part 1

Format	Color
Hex	607DD3
RGB	96, 125, 211
RGB Percent	38%, 49%, 83%
CMY	0.6235, 0.5098, 0.1725
CMYK	0.55, 0.41, 0.00, 0.17
HSL	225°, 57%, 60%
HSV	225°, 55%, 83%
XYZ	23.9154, 21.8572, 64.5864
YIQ	126.1330, -44.8900, 20.5980

Conversions

Conversions Part 2

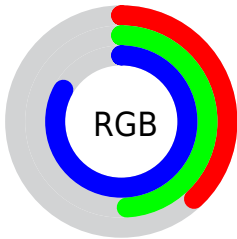
Format	Color
R_{YB}	96, 119, 211
Decimal	6323667
CIE _{Lab}	53.88, 14.47, -47.57
CIE _{LCh}	54, 49.722, 286.921
Yxy	21.8572, 0.2167, 0.1981
Android (android.graphics.Color)	4284513747 (0xFF607DD3)
YUV	126.1330, 41.8394, -26.4266
Hunter-Lab	46.7517, 9.4945, -49.1817

Details

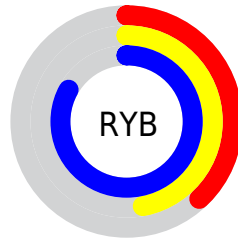
The Hex color **607DD3** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **D3B660**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **99B1FF**, and **1F4D9C** is the 20% darker color. If you saturate the color by 10%, you get **4B6DD3**, and if you desaturate by 10%, it is **758DD3**.

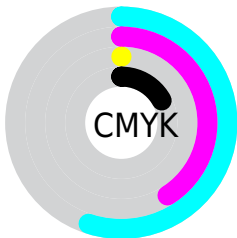
Distribution



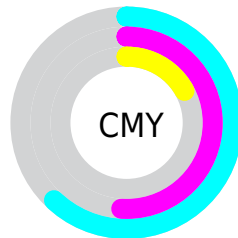
- Red (38%)
- Green (49%)
- Blue (83%)



- Red (38%)
- Yellow (47%)
- Blue (83%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607DD3 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 607DD3 by changing the saturation by 10% instead.

■ 607DD3

■ 607DD3

FFFFFF

■ 4264B7

■ 99B1FF

■ 1F4D9C

■ B6CDFF

■ 003681

■ D4E9FF

■ 002268

■ F1FFFF

■ 000C4F

■ 000537

■ 000221

■ 000006

■ 000000

■ 607DD3

■ 607DD3

■ 4B6DD3

■ 758DD3

■ 365DD3

■ 8A9DD3

■ 214ED3

■ 9FACD3

■ 0C3ED3

■ B4BCD3

■ 0035D3

■ CACCD3

■ DFDCD3

■ F4EBD3

■ FFFBD3

■ FFFF3

Harmonies

Analogous

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



008BD4



607DD3



A26BBC

Triad

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



607DD3



C46744



00956C

Complementary

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



607DD3



D3B660

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.



4F8F43



607DD3



A87829

Square

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



607DD3



D05B6A



818628



009698

Rectangle

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



607DD3



BD60A3



818628



0F935D

Sweetspot

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



607DD3



D6E0FF



60D3B4



676D80



000000



808080

Same Dimension

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



607DD3



5983FF



7B60D3



5E6169



002AA8



000A29

Inverse Universe

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



D3607D



FF5983



B8D360



695E61



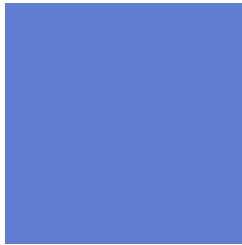
A8002A



29000A

Previews

White Background



This preview shows how the Hex color 607DD3 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



This preview shows how the Hex color 607DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

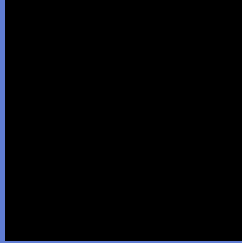
Any Text WCAG AA ✓ Pass

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 607DD3 Background



This preview shows how black text looks on a background with the Hex color 607DD3.

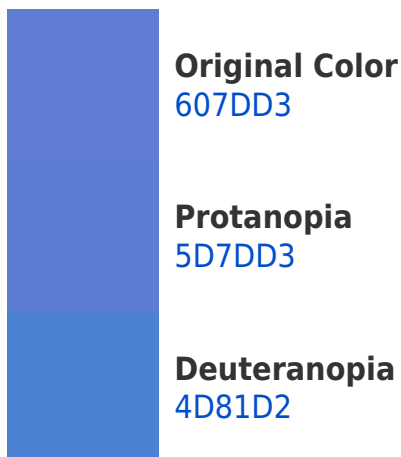



This preview shows how white text looks on a background with the Hex color 607DD3.

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](#).

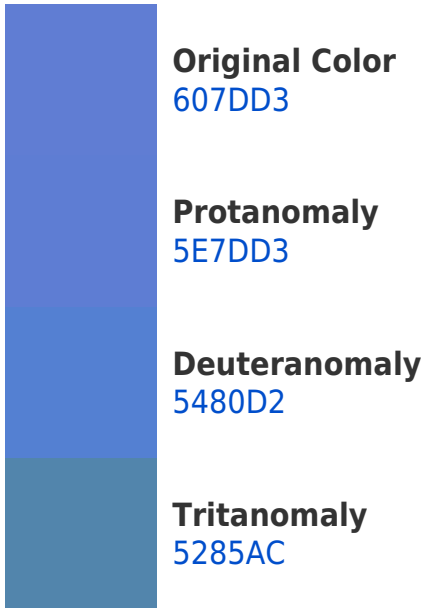
Dichromacy





Tritanopia
4A8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 607DD3 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 #607DD3 looks like.

```
.text, #text, p{  
    color:#607DD3  
}
```

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 #607DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607DD3
}
```

Border

The CSS property to change the border of an element to Hex 607DD3 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
#607DD3 }
```

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

```
.border{ border-color:#607DD3 }
```

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

Here you see how a box with a 4 pixel #607DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607DD3; -webkit-box-shadow:4px 4px  
4px 4px #607DD3; box-shadow:4px 4px 4px  
4px #607DD3 }
```

Background

The CSS property to change the background color of an element to Hex 607DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607DD3 }
```

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

```
.background{ background-color:#607DD3 }
```

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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