

Converting Colors

Hex(6FB0DD)

Have a look what the booklet for
Hex(6FB0DD) contains.

Hex(6FB0DD)	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(6FB0DD)

Conversions

Conversions Part 1

Format	Color
Hex	6FB0DD
RGB	111, 176, 221
RGB Percent	44%, 69%, 87%
CMY	0.5647, 0.3098, 0.1333
CMYK	0.50, 0.20, 0.00, 0.13
HSL	205°, 62%, 65%
HSV	205°, 50%, 87%
XYZ	35.1320, 39.6506, 74.2083
YIQ	161.6950, -53.1850, 0.2150

Conversions

Conversions Part 2

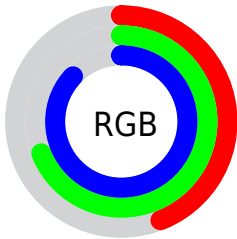
Format	Color
R _{YB}	111, 152, 221
Decimal	7319773
CIE Lab	69.22, -8.50, -29.08
CIE LCh	69, 30.291, 253.713
Yxy	39.6506, 0.2358, 0.2661
Android (android.graphics.Color)	4285509853 (0xFF6FB0DD)
YUV	161.6950, 29.2374, -44.4595
Hunter-Lab	62.9687, -10.6052, -25.7948

Details

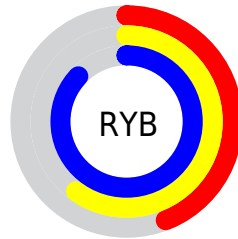
The Hex color **6FB0DD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DD9C6F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A8E8FF**, and **347CA6** is the 20% darker color. If you saturate the color by 10%, you get **59A7DD**, and if you desaturate by 10%, it is **85B9DD**.

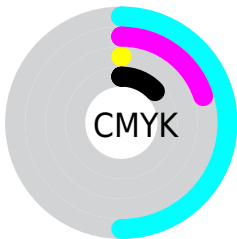
Distribution



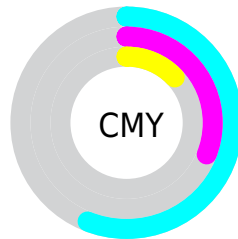
- Red (44%)
- Green (69%)
- Blue (87%)



- Red (44%)
- Yellow (60%)
- Blue (87%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB0DD 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 6FB0DD by changing the saturation by 10% instead.

6FB0DD

6FB0DD

FFFFFF

5295C1

A8E8FF

347CA6

C5FFFF

06638B

E2FFFF

004B72

003459

001F41

00032B

000115

000000

6FB0DD

6FB0DD

59A7DD

85B9DD

439EDD

9BC2DD

2D95DD

B1CBDD

178CDD

C7D4DD

0183DD

DEDDDD

0083DD

F4E6DD

FFEFD

FFF8DD

FFFFDD

Harmonies

Analogous

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



52B6CE



6FB0DD



98A7DE

Triad

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



6FB0DD



E0959D



91B381

Complementary

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



6FB0DD



DD9C6F

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.



B0AB73



6FB0DD



DB9984

Square

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



6FB0DD



D696B9



CAA275



71B799

Rectangle

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



6FB0DD



B1A1D7



CAA275



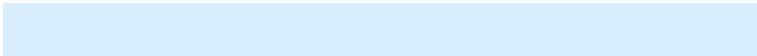
9BB07B

Sweetspot

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



6FB0DD



D9EFFF



6FDD9B



697680



000000



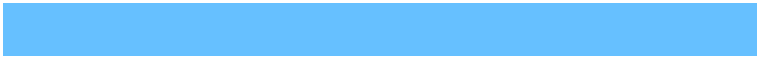
808080

Same Dimension

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



6FB0DD



66C0FF



6F7ADD



63696E



0066AD



001B2E

Inverse Universe

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



DD6FB0



FF66C0



DDD26F



6E6369



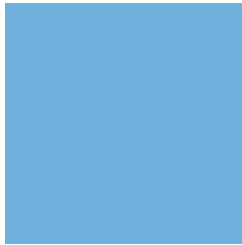
AD0066



2E001B

Previews

White Background



This preview shows how the Hex color 6FB0DD looks on a white background.

Color Contrast Check

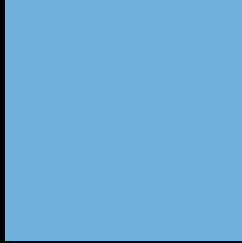
Large Text (above 18pt) WCAG AA × Fail

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 6FB0DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

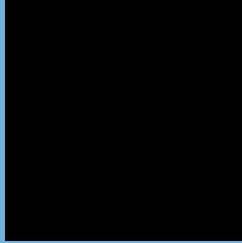
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

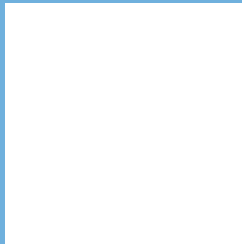
Any Text WCAG AAA ✓ Pass

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

Hex 6FB0DD Background



This preview shows how black text looks on a background with the Hex color 6FB0DD.



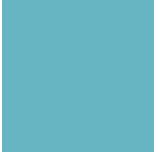
This preview shows how white text looks on a background with the Hex color 6FB0DD.

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](#).

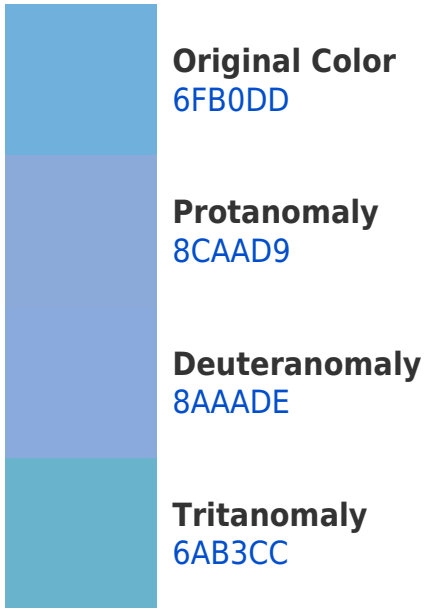
Dichromacy



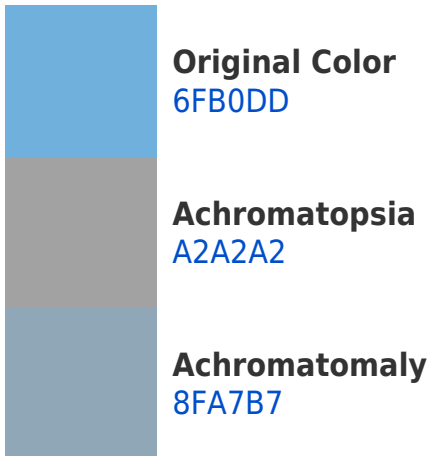


Tritanopia
67B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB0DD 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 #6FB0DD looks like.

```
.text, #text, p{  
    color:#6FB0DD  
}
```

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 #6FB0DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB0DD
}
```

Border

The CSS property to change the border of an element to Hex 6FB0DD 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
#6FB0DD }
```

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

```
.border{ border-color:#6FB0DD }
```

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

Here you see how a box with a 4 pixel #6FB0DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB0DD; -webkit-box-shadow:4px 4px  
4px 4px #6FB0DD; box-shadow:4px 4px 4px  
4px #6FB0DD }
```

Background

The CSS property to change the background color of an element to Hex 6FB0DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB0DD }
```

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

```
.background{ background-color:#6FB0DD }
```

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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