

# Converting Colors

Hex(6FC2DD)

Have a look what the booklet for  
Hex(6FC2DD) contains.

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**Color**

**Hex(6FC2DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC2DD
RGB	111, 194, 221
RGB Percent	44%, 76%, 87%
CMY	0.5647, 0.2392, 0.1333
CMYK	0.50, 0.12, 0.00, 0.13
HSL	195°, 62%, 65%
HSV	195°, 50%, 87%
XYZ	38.8985, 47.1835, 75.4638
YIQ	172.2610, -58.1350, -9.1990

# Conversions

## Conversions Part 2

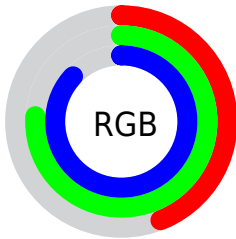
Format	Color
<b>RYB</b>	111, 158, 221
Decimal	7324381
CIELab	74.31, -18.03, -21.29
CIELCh	74, 27.901, 229.739
Yxy	47.1835, 0.2408, 0.2921
Android (android.graphics.Color)	4285514461 (0xFF6FC2DD)
YUV	172.2610, 24.0283, -53.7259
Hunter-Lab	68.6903, -19.1256, -17.0534

# Details

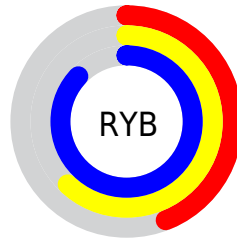
The Hex color **6FC2DD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DD8A6F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9FBFF**, and **328CA6** is the 20% darker color. If you saturate the color by 10%, you get **59BDDD**, and if you desaturate by 10%, it is **85C7DD**.

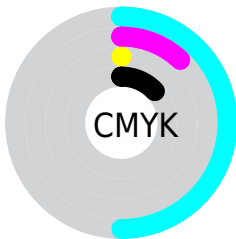
# Distribution



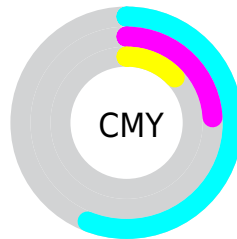
- Red (44%)
- Green (76%)
- Blue (87%)



- Red (44%)
- Yellow (62%)
- Blue (87%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC2DD 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 6FC2DD by changing the saturation by 10% instead.



 6FC2DD

 6FC2DD

FFFFFF

 52A7C1

 A9FBFF

 328CA6

 C6FFFF

 00738B

 E3FFFF

 005A72

 004259

 002C42

 00192C

 000117

 000000

6FC2DD

6FC2DD

59BDDD

85C7DD

43B7DD

9BCDDD

2DB2DD

B1D2DD

17ACDD

C7D8DD

01A7DD

DEDDDD

00A7DD

F4E3DD

FFE8DD

FFEDDD

FFF3DD

# Harmonies

## Analogous

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



6BC5C7



6FC2DD



8ABCE9

# Triad

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



6FC2DD



E4A5C1



B8BA86

# Complementary

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



6FC2DD



DD8A6F

# 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.



D2B285



6FC2DD



EBA5A7

# Square

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



6FC2DD



CFABD8



E4AA91



9AC195

# Rectangle

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



6FC2DD



A3B6E9



E4AA91



C1B884



# Sweetspot

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



6FC2DD



D9F6FF



6FDD89



697A80



000000



808080



# Same Dimension

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



6FC2DD



66D9FF



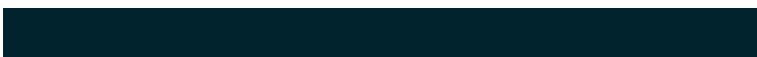
6F8CDD



636B6E



0083AD



00232E



# Inverse Universe

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



DD6FC2



FF66D9



DDC06F



6E636B



AD0083

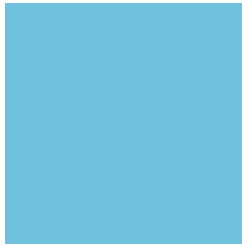


2E0023



# Previews

## White Background



This preview shows how the Hex color 6FC2DD looks on a white background.

## Color Contrast Check

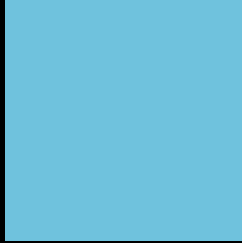
Large Text (above 18pt) WCAG AA × Fail

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 6FC2DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

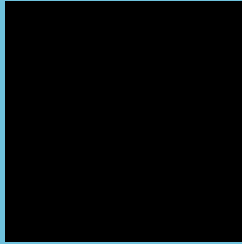
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FC2DD Background



This preview shows how black text looks on a background with the Hex color 6FC2DD.

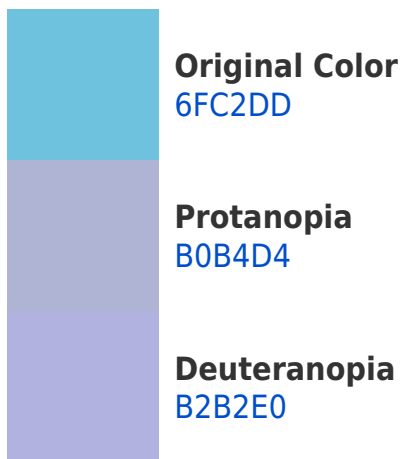


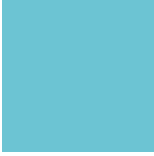
This preview shows how white text looks on a background with the Hex color 6FC2DD.

# 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](#).

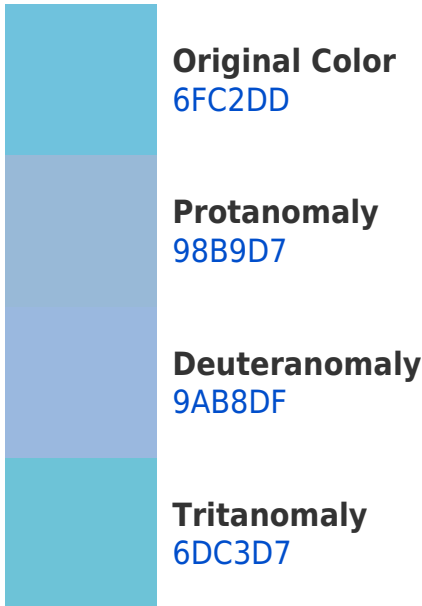
## Dichromacy



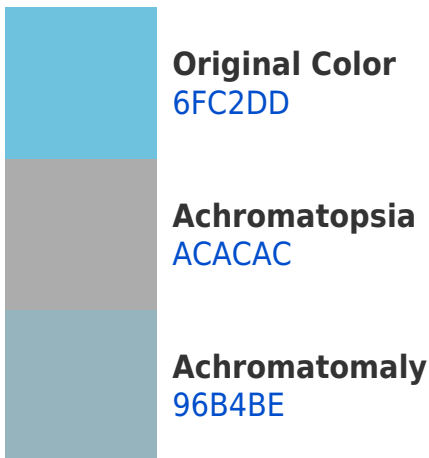


**Tritanopia**  
6CC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC2DD 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 #6FC2DD looks like.

```
.text, #text, p{  
    color:#6FC2DD  
}
```

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 #6FC2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC2DD
}
```

## Border

The CSS property to change the border of an element to Hex 6FC2DD 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
#6FC2DD }
```

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

```
.border{ border-color:#6FC2DD }
```

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

Here you see how a box with a 4 pixel #6FC2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC2DD; -webkit-box-shadow:4px 4px  
4px 4px #6FC2DD; box-shadow:4px 4px 4px  
4px #6FC2DD }
```

# Background

The CSS property to change the background color of an element to Hex 6FC2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC2DD }
```

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

```
.background{ background-color:#6FC2DD }
```

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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