

# Converting Colors

Hex(6FCDCF)

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

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# **Color**

**Hex(6FCDCF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FCDCF
RGB	111, 205, 207
RGB Percent	44%, 80%, 81%
CMY	0.5647, 0.1961, 0.1882
CMYK	0.46, 0.01, 0.00, 0.19
HSL	181°, 50%, 62%
HSV	181°, 46%, 81%
XYZ	39.6494, 51.5471, 66.8913
YIQ	177.1220, -56.6660, -19.3060

# Conversions

## Conversions Part 2

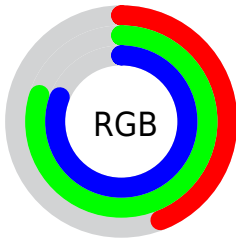
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 158, 207
Decimal	7327183
CIELab	77.01, -27.31, -9.66
CIELCh	77, 28.964, 199.481
Yxy	51.5471, 0.2508, 0.3261
Android (android.graphics.Color)	4285517263 (0xFF6FCDCF)
YUV	177.1220, 14.7299, -57.9890
Hunter-Lab	71.7963, -27.0674, -4.9820

# Details

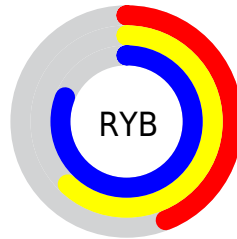
The Hex color **6FCDCF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF716F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A8FFFF**, and **339699** is the 20% darker color. If you saturate the color by 10%, you get **5ACDCF**, and if you desaturate by 10%, it is **84CDCF**.

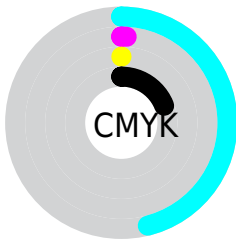
# Distribution



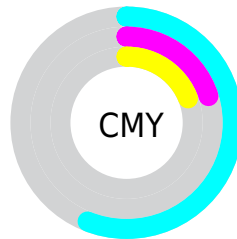
- Red (44%)
- Green (80%)
- Blue (81%)



- Red (44%)
- Yellow (62%)
- Blue (81%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (20%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 6FCDCF

 6FCDCF

FFFFFF

 52B1B3

 A8FFFF

 339699

 C5FFFF

 027C7F

 E3FFFF

 006366

 004B4E

 003337

 002022

 00000B

 000000

 6FCDCF

 6FCDCF

 5ACDCF

 84CDCF

 46CCCF

 98CECF

 31CCCF

 ADCECF

 1CCBCF

 C2CFCF

 07CBCF

 D6CFCF

 00CBCF

 EBD0CF

 FFD0CF

 FFD1CF

# Harmonies

## Analogous

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



83CDB3



6FCDCF



73CAE6

# Triad

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



6FCDCF



D7B1E1



DAB98A

# Complementary

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



6FCDCF



CF716F

# 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.



EDB196



6FCDCF



EDABC9

# Square

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



6FCDCF



B5BBF0



F5ABAD



BFC28B

# Rectangle

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



6FCDCF



84C6F0



F5ABAD



E2B68D

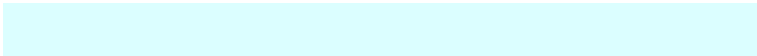


# Sweetspot

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



6FCDCF



DBFEFF



6FCF71



6A7F80



000000



808080



# Same Dimension

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



6FCDCF



70FCFF



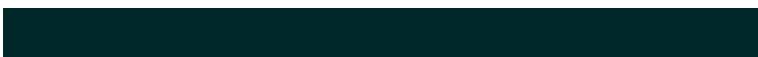
6F9DCF



5E6869



00A5A8



002829



# Inverse Universe

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



CF6FCD



FF70FC



CFA16F



695E68



A800A5

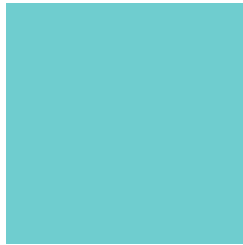


290028



# Previews

## White Background



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

## Color Contrast Check

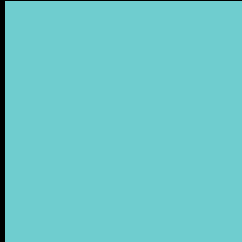
Large Text (above 18pt) WCAG AA × Fail

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 6FCDCF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

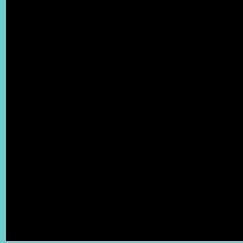
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FCDCF Background



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

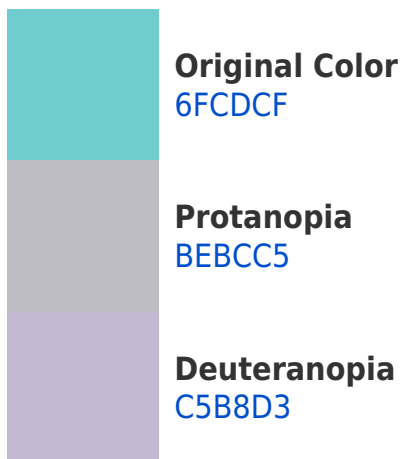


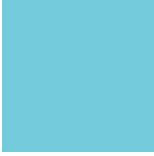
This preview shows how white text looks on a background with the Hex color 6FCDCF.

# 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](#).

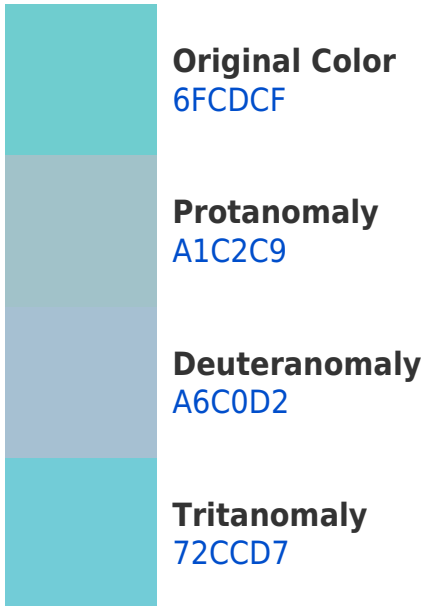
## Dichromacy





**Tritanopia**  
73CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6FCDCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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