

# Converting Colors

Hex(6CC1CF)

Have a look what the booklet for  
Hex(6CC1CF) contains.

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# Color

Hex(6CC1CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC1CF
RGB	108, 193, 207
RGB Percent	42%, 76%, 81%
CMY	0.5765, 0.2431, 0.1882
CMYK	0.48, 0.07, 0.00, 0.19
HSL	188°, 51%, 62%
HSV	188°, 48%, 81%
XYZ	36.5168, 45.8331, 65.9535
YIQ	169.1810, -55.1540, -13.6660

# Conversions

## Conversions Part 2

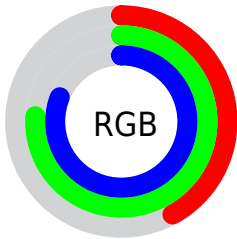
Format	Color
R <sub>YB</sub>	108, 154, 207
Decimal	7127503
CIE Lab	73.44, -22.02, -15.02
CIE LCh	73, 26.653, 214.300
Yxy	45.8331, 0.2462, 0.3090
Android (android.graphics.Color)	4285317583 (0xFF6CC1CF)
YUV	169.1810, 18.6448, -53.6557
Hunter-Lab	67.7001, -22.1940, -10.3703

# Details

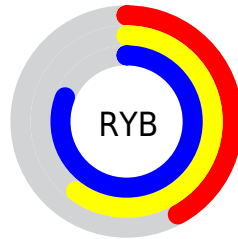
The Hex color **6CC1CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF7A6C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5FAFF**, and **308B99** is the 20% darker color. If you saturate the color by 10%, you get **57BECF**, and if you desaturate by 10%, it is **81C4CF**.

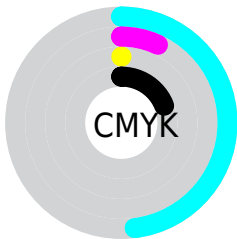
# Distribution



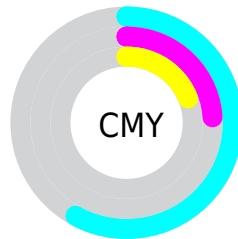
- Red (42%)
- Green (76%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (24%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CC1CF 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 6CC1CF by changing the saturation by 10% instead.



 6CC1CF

 6CC1CF

FFFFFF

 4FA6B3

 A5FAFF

 308B99

 C2FFFF

 00727F

 DFFFFF

 005966

FDFFFF

 00414E

 002B37

 001622

 000009

 000000

6CC1CF

6CC1CF

57BECF

81C4CF

43BBCF

95C7CF

2EB8CF

AACACF

19B5CF

BFCDCF

04B2CF

D3D0CF

00B2CF

E8D3CF

FDD5CF

FFD8CF

FFDBCf

# Harmonies

## Analogous

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



74C2B7



6CC1CF



7CBDE0

# Triad

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



6CC1CF



D7A6CA



C3B484

# Complementary

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



6CC1CF



CF7A6C

# 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.



D8AC89



6CC1CF



E5A3B2

# Square

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



6CC1CF



BDADDD



E5A59A



A8BB8C

# Rectangle

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



6CC1CF



90B8E4



E5A59A



CBB184

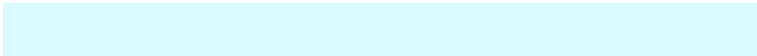


# Sweetspot

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



6CC1CF



DBFAFF



6CCF79



6A7C80



000000



808080

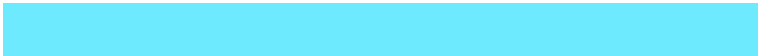


# Same Dimension

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



6CC1CF



6EEAFF



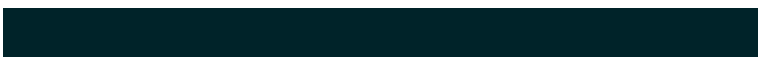
6C90CF



5E6769



0091A8



002329



# Inverse Universe

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



CF6CC1



FF6EEA



CFAB6C



695E67



A80090

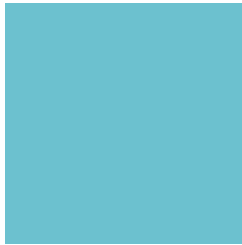


290023



# Previews

## White Background



This preview shows how the Hex color 6CC1CF looks on a white background.

## Color Contrast Check

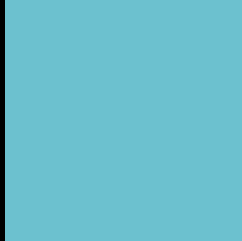
Large Text (above 18pt) WCAG AA × Fail

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 6CC1CF 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 6CC1CF Background



This preview shows how black text looks on a background with the Hex color 6CC1CF.

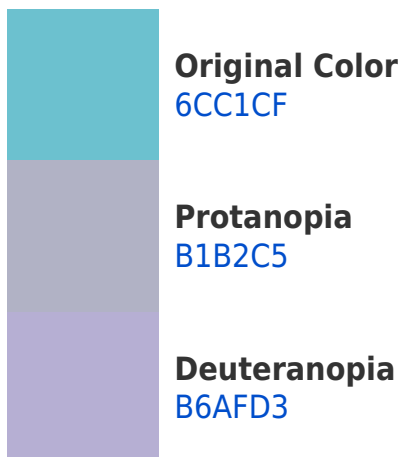


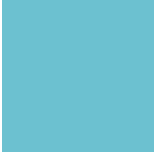
This preview shows how white text looks on a background with the Hex color 6CC1CF.

# 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](#).

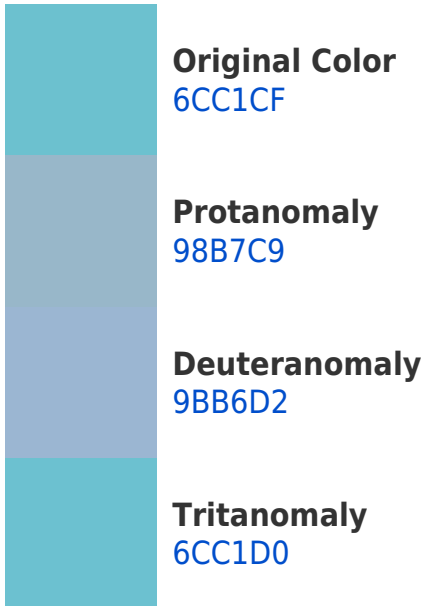
## Dichromacy



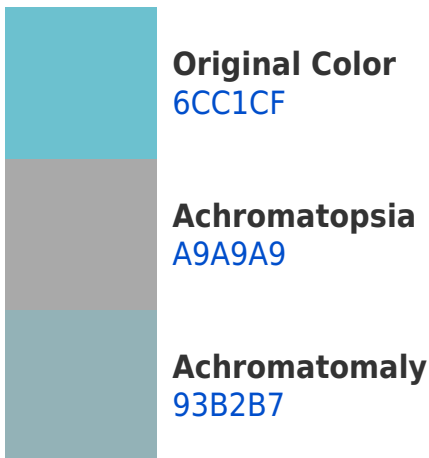


**Tritanopia**  
6CC1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CC1CF 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 #6CC1CF looks like.

```
.text, #text, p{  
    color:#6CC1CF  
}
```

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 #6CC1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC1CF
}
```

## Border

The CSS property to change the border of an element to Hex 6CC1CF 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
#6CC1CF }
```

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

```
.border{ border-color:#6CC1CF }
```

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

Here you see how a box with a 4 pixel #6CC1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC1CF; -webkit-box-shadow:4px 4px  
4px 4px #6CC1CF; box-shadow:4px 4px 4px  
4px #6CC1CF }
```

# Background

The CSS property to change the background color of an element to Hex 6CC1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC1CF }
```

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

```
.background{ background-color:#6CC1CF }
```

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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