

# Converting Colors

Hex(67D0CF)

Have a look what the booklet for  
Hex(67D0CF) contains.

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**Color**

**Hex(67D0CF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 67D0CF                       |
| RGB         | 103, 208, 207                |
| RGB Percent | 40%, 82%, 81%                |
| CMY         | 0.5961, 0.1843, 0.1882       |
| CMYK        | 0.50, 0.00, 0.00, 0.18       |
| HSL         | 179°, 53%, 61%               |
| HSV         | 179°, 50%, 82%               |
| XYZ         | 39.4119, 52.5003, 67.0878    |
| YIQ         | 176.4910, -62.2590, -22.5710 |

# Conversions

## Conversions Part 2

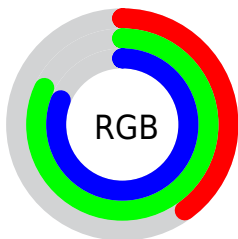
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">103, 156, 208</a>                                |
| Decimal                             | <a href="#">6803663</a>                                      |
| CIELab                              | <a href="#">77.58, -30.51, -8.84</a>                         |
| CIELCh                              | <a href="#">78, 31.765, 196.164</a>                          |
| Yxy                                 | <a href="#">52.5003, 0.2479, 0.3302</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284993743</a><br>( <a href="#">0xFF67D0CF</a> ) |
| YUV                                 | <a href="#">176.4910, 15.0409, -64.4516</a>                  |
| Hunter-Lab                          | <a href="#">72.4571, -29.7077, -4.1765</a>                   |

# Details

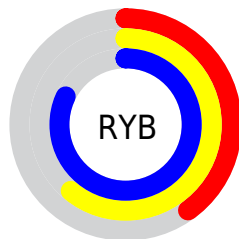
The Hex color **67D0CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D06768**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A2FFFF**, and **259999** is the 20% darker color. If you saturate the color by 10%, you get **52D0CF**, and if you desaturate by 10%, it is **7CD0CF**.

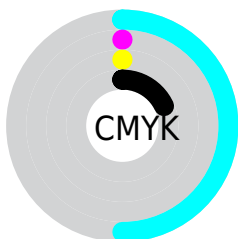
# Distribution



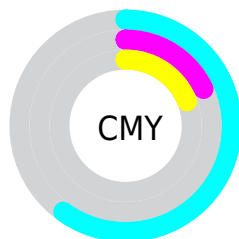
- Red (40%)
- Green (82%)
- Blue (81%)



- Red (40%)
- Yellow (61%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (18%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67D0CF 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 67D0CF by changing the saturation by 10% instead.



 67D0CF

 67D0CF

FFFFFF

 48B4B3

 A2FFFF

 259999

 BFFFFFF

 007F7F

 DCFFFF

 006566

 FAFFFF

 004D4E

 003537

 002222

 00000B

 000000

 67D0CF

 67D0CF

 52D0CF

 7CD0CF

 3DD0CF

 91D0CF

 29D0CE

 A5D0D0

 14D0CE

 BAD0D0

 00D0CE

 CFD0D0

 E4D0D0

 F9D0D0

 FFD0D1

# Harmonies

## Analogous

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



81CFB1



67D0CF



67CDE9

# Triad

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



67D0CF



D8B3E9



E1B987

# Complementary

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



67D0CF



D06768

# 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.



F5B096



67D0CF



F1ABCF

# Square

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



67D0CF



B1BDF8



FBAAB1



C4C387

# Rectangle

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



67D0CF



79C9F5



FBAAB1



E9B68B



# Sweetspot

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



67D0CF



D9FFFF



69D067



69807F



000000



808080



# Same Dimension

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



67D0CF



63FFFE



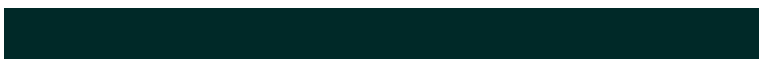
679DD0



5E6968



00A8A7



002928



# Inverse Universe

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



D06768



FF6365



D09A67



695E5E



A80002

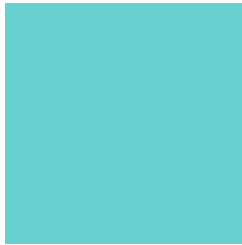


290000



# Previews

## White Background



This preview shows how the Hex color 67D0CF looks on a white background.

## Color Contrast Check

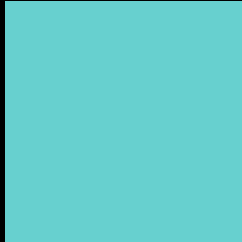
Large Text (above 18pt) WCAG AA × Fail

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 67D0CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

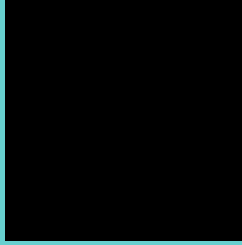
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

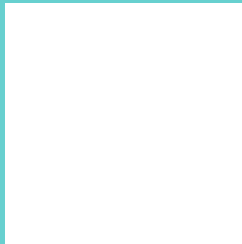
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67D0CF Background



This preview shows how black text looks on a background with the Hex color 67D0CF.

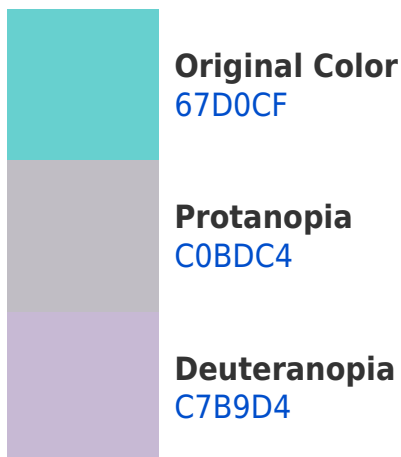


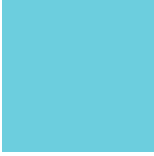
This preview shows how white text looks on a background with the Hex color 67D0CF.

# Color Blindness Simulation

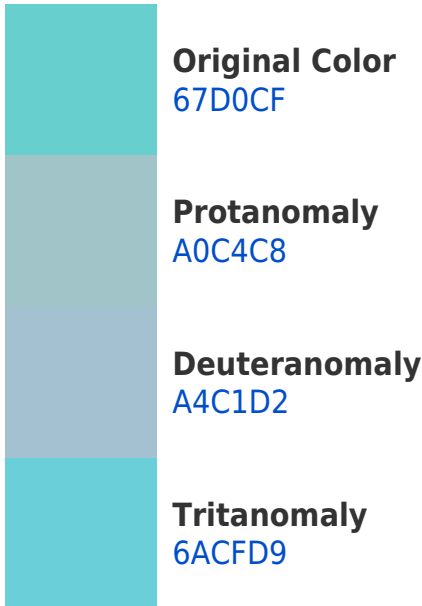
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

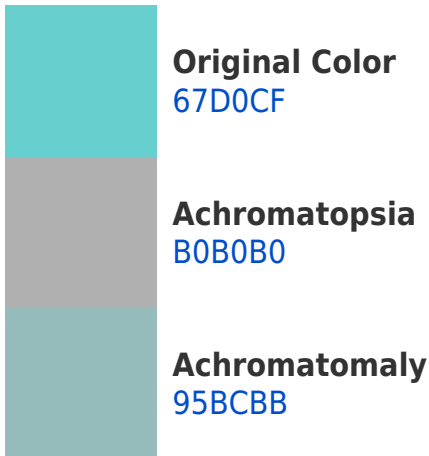




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67D0CF 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 #67D0CF looks like.

```
.text, #text, p{  
    color:#67D0CF  
}
```

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 #67D0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D0CF
}
```

## Border

The CSS property to change the border of an element to Hex 67D0CF 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
#67D0CF }
```

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

```
.border{ border-color:#67D0CF }
```

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

Here you see how a box with a 4 pixel #67D0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D0CF; -webkit-box-shadow:4px 4px  
4px 4px #67D0CF; box-shadow:4px 4px 4px  
4px #67D0CF }
```

# Background

The CSS property to change the background color of an element to Hex 67D0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D0CF }
```

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

```
.background{ background-color:#67D0CF }
```

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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