

# Converting Colors

Hex(67FEC0)

Have a look what the booklet for  
Hex(67FEC0) contains.

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# Color

Hex(67FEC0)

# Conversions

## Conversions Part 1

Format	Color
Hex	67FEC0
RGB	103, 254, 192
RGB Percent	40%, 100%, 75%
CMY	0.5961, 0.0039, 0.2471
CMYK	0.59, 0.00, 0.24, 0.00
HSL	155°, 99%, 70%
HSV	155°, 59%, 100%
XYZ	50.5498, 77.5730, 62.1780
YIQ	201.7830, -70.0940, -51.2940

# Conversions

## Conversions Part 2

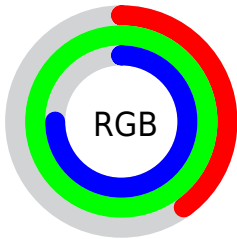
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 198, 254</a>
Decimal	<a href="#">6815424</a>
CIELab	<a href="#">90.58, -54.32, 17.84</a>
CIELCh	<a href="#">91, 57.170, 161.819</a>
Yxy	<a href="#">77.5730, 0.2656, 0.4076</a>
Android (android.graphics.Color)	<a href="#">4285005504 (0xFF67FEC0)</a>
YUV	<a href="#">201.7830, -4.8230, -86.6327</a>
Hunter-Lab	<a href="#">88.0755, -51.6845, 19.7963</a>

# Details

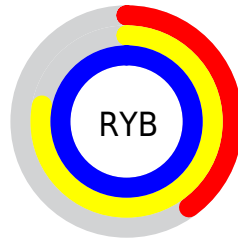
The Hex color **67FEC0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE67A5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A5FFF9**, and **11C48A** is the 20% darker color. If you saturate the color by 10%, you get **4EFEB6**, and if you desaturate by 10%, it is **80FECA**.

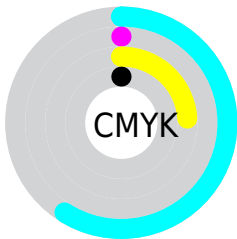
# Distribution



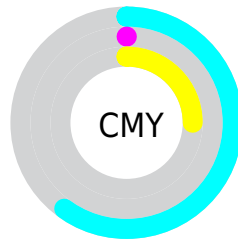
- Red (40%)
- Green (100%)
- Blue (75%)



- Red (40%)
- Yellow (78%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67FEC0 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 67FEC0 by changing the saturation by 10% instead.



 67FEC0

FFFFFF


 A5FFF9

 C4FFFF

 E3FFFF

 67FEC0

 44E1A5

 11C48A

 00A871

 008D58

 007341

 00592A

 004015

 002900

 000400

 67FEC0

 67FEC0

 4EFEB6

 80FECA

 34FEAB

 9AFED5

 1BFEA1

 B3FEDF

 01FE96

 CDFEEA

 00FE96

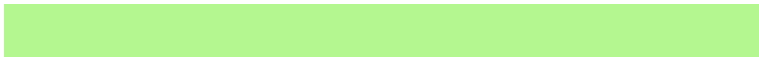
 E6FEF4

FFFEFF

# Harmonies

## Analogous

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



B4F690



67FEC0



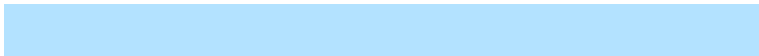
00FF9

# Triad

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



67FEC0



B3E2FF



FFC29E

# Complementary

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



67FEC0



FE67A5

# 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.



FFB7D0



67FEC0



FFCDFF

# Square

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



67FEC0



1FF3FF



FFBCFF



FFD57C

# Rectangle

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



67FEC0



00FFFF



FFBCFF



FFBDAD

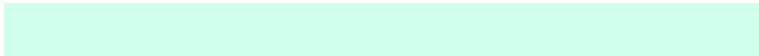


# Sweetspot

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



67FEC0



D1FFEC



A6FE67



638074



000000



808080



# Same Dimension

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



67FEC0



4AFFB5



67F1FE



73807A



00BF71



004026



# Inverse Universe

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



FE67A5



FF4A94



FE7467



807378



BF004F

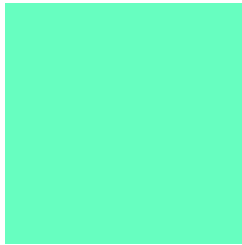


40001A



# Previews

## White Background



This preview shows how the Hex color 67FEC0 looks on a white background.

## Color Contrast Check

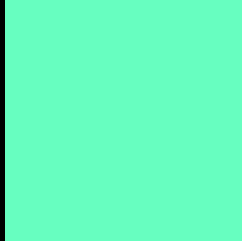
Large Text (above 18pt) WCAG AA × Fail

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 67FEC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

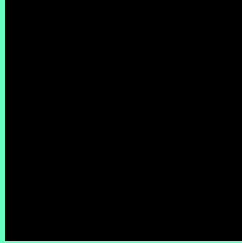
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67FEC0 Background



This preview shows how black text looks on a background with the Hex color 67FEC0.

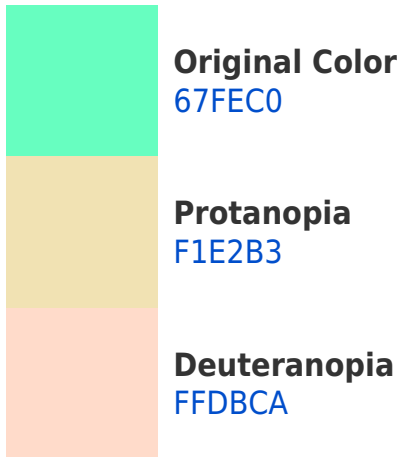


This preview shows how white text looks on a background with the Hex color 67FEC0.

# 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**  
A0F0FF

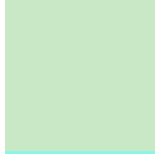
# Trichromacy



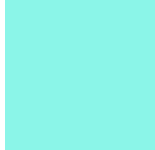
**Original Color**  
67FEC0



**Protanomaly**  
BFECB8



**Deuteranomaly**  
C8E8C6

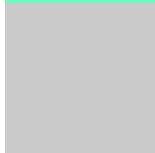


**Tritanomaly**  
8BF5E8

# Monochromacy



**Original Color**  
67FEC0



**Achromatopsia**  
CACACA



**Achromatomaly**  
A6DDC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67FEC0 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 #67FEC0 looks like.

```
.text, #text, p{  
    color:#67FEC0  
}
```

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 #67FEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67FEC0  
}
```

## Border

The CSS property to change the border of an element to Hex 67FEC0 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  
#67FEC0 }
```

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

```
.border{ border-color:#67FEC0 }
```

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

Here you see how a box with a 4 pixel #67FEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67FEC0; -webkit-box-shadow:4px 4px  
4px 4px #67FEC0; box-shadow:4px 4px 4px  
4px #67FEC0 }
```

# Background

The CSS property to change the background color of an element to Hex 67FEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67FEC0 }
```

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

```
.background{ background-color:#67FEC0 }
```

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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