

# Converting Colors

Hex(6CF0C4)

Have a look what the booklet for  
Hex(6CF0C4) contains.

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# **Color**

**Hex(6CF0C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF0C4
RGB	108, 240, 196
RGB Percent	42%, 94%, 77%
CMY	0.5765, 0.0588, 0.2314
CMYK	0.55, 0.00, 0.18, 0.06
HSL	160°, 81%, 68%
HSV	160°, 55%, 94%
XYZ	47.3082, 69.4938, 63.1448
YIQ	195.5160, -64.5480, -41.6680

# Conversions

## Conversions Part 2

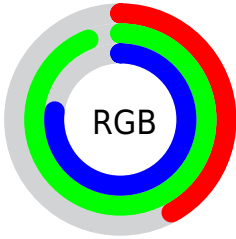
Format	Color
<a href="#">RYB</a>	<a href="#">108, 187, 240</a>
Decimal	<a href="#">7139524</a>
CIELab	<a href="#">86.75, -46.63, 10.37</a>
CIELCh	<a href="#">87, 47.768, 167.465</a>
Yxy	<a href="#">69.4938, 0.2629, 0.3862</a>
Android (android.graphics.Color)	<a href="#">4285329604</a> (0xFF6CF0C4)
YUV	<a href="#">195.5160, 0.2386, -76.7515</a>
Hunter-Lab	<a href="#">83.3630, -44.5870, 13.4438</a>

# Details

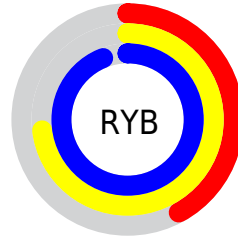
The Hex color **6CF0C4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F06C98**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A8FFFD**, and **26B78E** is the 20% darker color. If you saturate the color by 10%, you get **54F0BC**, and if you desaturate by 10%, it is **84F0CC**.

# Distribution



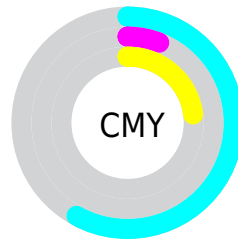
- Red (42%)
- Green (94%)
- Blue (77%)



- Red (42%)
- Yellow (73%)
- Blue (94%)



- Cyan (55%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (58%)
- Magenta (6%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CF0C4 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 6CF0C4 by changing the saturation by 10% instead.



 6CF0C4

 6CF0C4

FFFFFF

 4CD3A9

 A8FFFD

 26B78E

 C6FFFF

 009C75

 E4FFFF

 00815C

 006744

 004E2E

 003619

 001F00

 000000

 6CF0C4

 6CF0C4

 54F0BC

 84F0CC

 3CF0B4

 9CF0D4

 24F0AC

 B4F0DC

 0CF0A4

 CCF0E4

 00F0A0

 E4F0EC

 FCF0F4

 FFF0FC

 FFF0FF

# Harmonies

## Analogous

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



A9EA9A



6CF0C4



02F1F3

# Triad

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



6CF0C4



C2D4FF



FFC098

# Complementary

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



6CF0C4



F06C98

# 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.



FFB6C0



6CF0C4



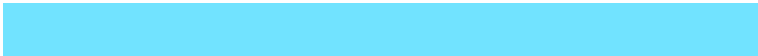
FFC4FF

# Square

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



6CF0C4



71E3FF



FFB8EE



FFD080

# Rectangle

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



6CF0C4



00EFFF



FFB8EE



FFBCA4

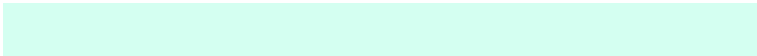


# Sweetspot

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



6CF0C4



D4FFF1



98F06C



668077



000000



808080



# Same Dimension

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



6CF0C4



57FFC7



6CDAF0



6C7874



00B87A



003825



# Inverse Universe

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



F06C98



FF578F



F0826C



786C70



B8003D

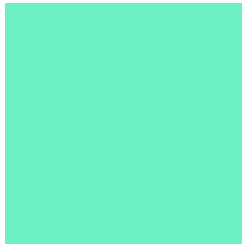


380013



# Previews

## White Background



This preview shows how the Hex color 6CF0C4 looks on a white background.

## Color Contrast Check

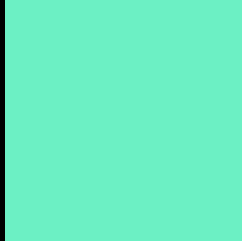
Large Text (above 18pt) WCAG AA × Fail

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 6CF0C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

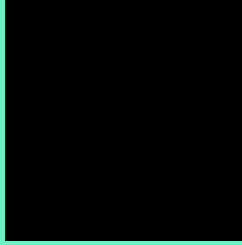
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

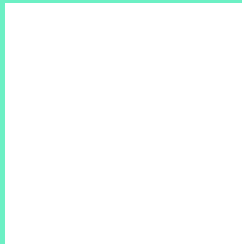
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CF0C4 Background



This preview shows how black text looks on a background with the Hex color 6CF0C4.

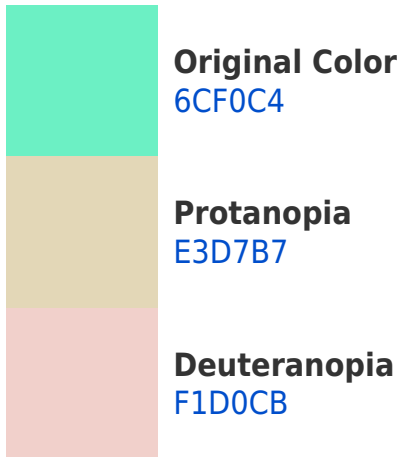


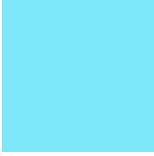
This preview shows how white text looks on a background with the Hex color 6CF0C4.

# 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



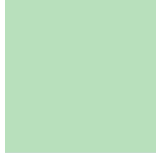


**Tritanopia**  
7EE8FB

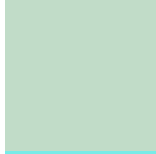
# Trichromacy



**Original Color**  
6CF0C4



**Protanomaly**  
B8E0BC

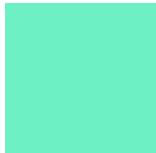


**Deuteranomaly**  
C1DCC8

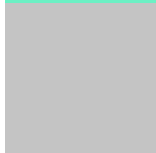


**Tritanomaly**  
77EBE7

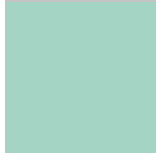
# Monochromacy



**Original Color**  
6CF0C4



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A4D4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CF0C4 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 #6CF0C4 looks like.

```
.text, #text, p{  
    color:#6CF0C4  
}
```

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 #6CF0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF0C4
}
```

## Border

The CSS property to change the border of an element to Hex 6CF0C4 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
#6CF0C4 }
```

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

```
.border{ border-color:#6CF0C4 }
```

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

Here you see how a box with a 4 pixel #6CF0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF0C4; -webkit-box-shadow:4px 4px  
4px 4px #6CF0C4; box-shadow:4px 4px 4px  
4px #6CF0C4 }
```

# Background

The CSS property to change the background color of an element to Hex 6CF0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF0C4 }
```

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

```
.background{ background-color:#6CF0C4 }
```

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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