

# Converting Colors

Hex(6CF4F4)

Have a look what the booklet for  
Hex(6CF4F4) contains.

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# **Color**

**Hex(6CF4F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF4F4
RGB	108, 244, 244
RGB Percent	42%, 96%, 96%
CMY	0.5765, 0.0431, 0.0431
CMYK	0.56, 0.00, 0.00, 0.04
HSL	180°, 86%, 69%
HSV	180°, 56%, 96%
XYZ	54.8642, 74.4212, 97.0610
YIQ	203.3360, -81.0560, -28.8320

# Conversions

## Conversions Part 2

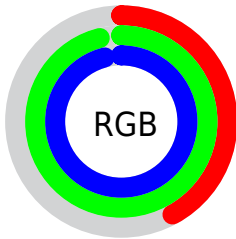
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 176, 244
Decimal	7140596
CIE Lab	89.12, -36.80, -11.24
CIE LCh	89, 38.474, 196.985
Yxy	74.4212, 0.2424, 0.3288
Android (android.graphics.Color)	4285330676 (0xFF6CF4F4)
YUV	203.3360, 20.0474, -83.6097
Hunter-Lab	86.2677, -37.4468, -6.3206

# Details

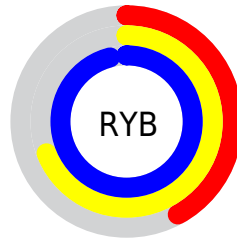
The Hex color **6CF4F4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F46C6C**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **AAFFFF**, and **1CBBBC** is the 20% darker color. If you saturate the color by 10%, you get **54F4F4**, and if you desaturate by 10%, it is **84F4F4**.

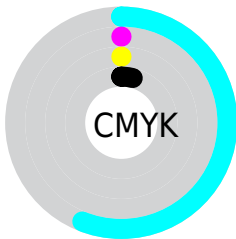
# Distribution



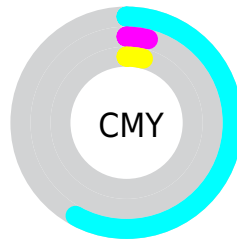
- Red (42%)
- Green (96%)
- Blue (96%)



- Red (42%)
- Yellow (69%)
- Blue (96%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CF4F4 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 6CF4F4 by changing the saturation by 10% instead.



 6CF4F4

FFFFFF

 AAFFFF

 C9FFFF

 E8FFFF

 6CF4F4

 4AD7D8

 1CBBBC

 00A0A1

 008587

 006B6D

 005355

 003B3E

 002628

 000114

 6CF4F4

 6CF4F4

 54F4F4

 84F4F4

 3BF4F4

 9DF4F4

 23F4F4

 B5F4F4

 0AF4F4

 CEF4F4

 00F4F4

 E6F4F4

 FEF4F4

 FFF4F4

# Harmonies

## Analogous

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



8FF3CE



6CF4F4



6CF0FF

# Triad

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



6CF4F4



FFCFFF



FFD899

# Complementary

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



6CF4F4



F46C6C

# 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.



FFCCAC



6CF4F4



FFC6F1

# Square

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



6CF4F4



CEDCFF



FFC5CC



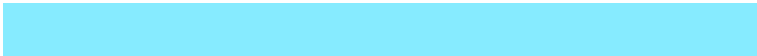
E4E499

# Rectangle

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



6CF4F4



86EBFF



FFC5CC



FFD49D



# Sweetspot

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



6CF4F4



D4FFFF



6CF46C



668080



000000



808080



# Same Dimension

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



6CF4F4



54FFFF



6CB0F4



6E7A7A



00BABA



003B3B



# Inverse Universe

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



F46CF4



FF54FF



F4B06C



7A6E7A



BA00BA

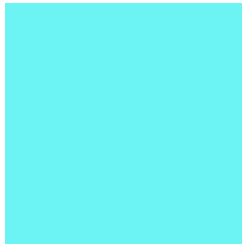


3B003B



# Previews

## White Background



This preview shows how the Hex color 6CF4F4 looks on a white background.

## Color Contrast Check

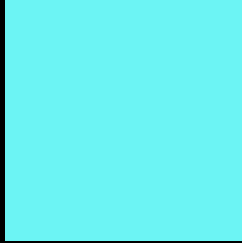
Large Text (above 18pt) WCAG AA × Fail

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 6CF4F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

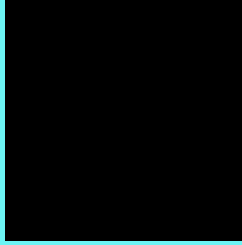
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CF4F4 Background



This preview shows how black text looks on a background with the Hex color 6CF4F4.

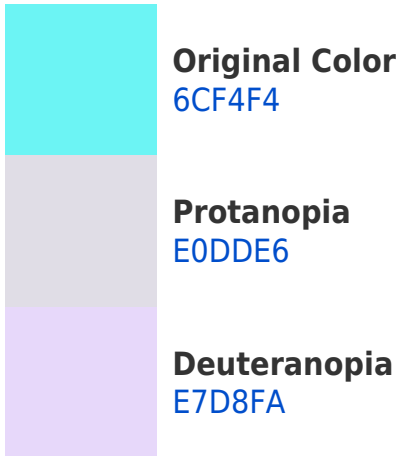


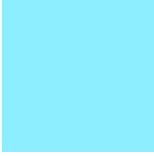
This preview shows how white text looks on a background with the Hex color 6CF4F4.

# 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**  
8CEEFF

# Trichromacy



**Original Color**  
6CF4F4



**Protanomaly**  
B6E5EB



**Deuteranomaly**  
BAE2F8

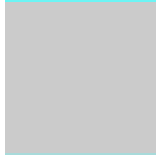


**Tritanomaly**  
80F0FB

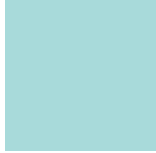
# Monochromacy



**Original Color**  
6CF4F4



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
A8DADA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CF4F4 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 #6CF4F4 looks like.

```
.text, #text, p{  
    color:#6CF4F4  
}
```

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 #6CF4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF4F4
}
```

## Border

The CSS property to change the border of an element to Hex 6CF4F4 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
#6CF4F4 }
```

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

```
.border{ border-color:#6CF4F4 }
```

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

Here you see how a box with a 4 pixel #6CF4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF4F4; -webkit-box-shadow:4px 4px  
4px 4px #6CF4F4; box-shadow:4px 4px 4px  
4px #6CF4F4 }
```

# Background

The CSS property to change the background color of an element to Hex 6CF4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF4F4 }
```

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

```
.background{ background-color:#6CF4F4 }
```

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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