

# Converting Colors

Hex(78CCF4)

Have a look what the booklet for  
Hex(78CCF4) contains.

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# **Color**

**Hex(78CCF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78CCF4
RGB	120, 204, 244
RGB Percent	47%, 80%, 96%
CMY	0.5294, 0.2000, 0.0431
CMYK	0.51, 0.16, 0.00, 0.04
HSL	199°, 85%, 71%
HSV	199°, 51%, 96%
XYZ	45.6677, 53.7105, 93.5482
YIQ	183.4440, -62.9040, -5.3680

# Conversions

## Conversions Part 2

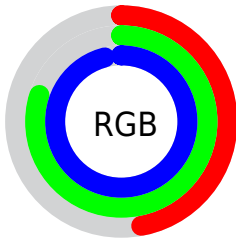
Format	Color
R <sub>Y</sub> B	120, 170, 244
Decimal	7916788
CIE Lab	78.29, -14.82, -27.56
CIE LCh	78, 31.290, 241.734
Yxy	53.7105, 0.2367, 0.2784
Android (android.graphics.Color)	4286106868 (0xFF78CCF4)
YUV	183.4440, 29.8541, -55.6404
Hunter-Lab	73.2874, -17.0239, -24.3799

# Details

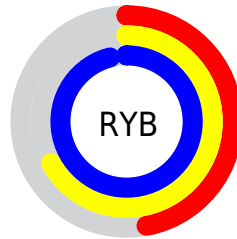
The Hex color **78CCF4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A078**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B3FFFF**, and **3A96BC** is the 20% darker color. If you saturate the color by 10%, you get **60C4F4**, and if you desaturate by 10%, it is **90D4F4**.

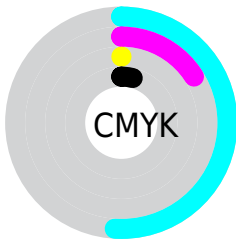
# Distribution



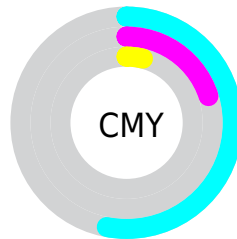
- Red (47%)
- Green (80%)
- Blue (96%)



- Red (47%)
- Yellow (67%)
- Blue (96%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (20%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78CCF4 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 78CCF4 by changing the saturation by 10% instead.



 78CCF4

 78CCF4

FFFFFF

 5AB1D8

 B3FFFF

 3A96BC

 D0FFFF

 0A7CA1

 EEEFFF

 006386

 004B6D

 003454

 00203D

 000327

 000111

 78CCF4

 78CCF4

 60C4F4

 90D4F4

 47BCF4

 A9DCF4

 2FB4F4

 C1E4F4

 16ADF4

 DAEBF4

 00A5F4

 F2F3F4

 FFFBF4

 FFFFF4

# Harmonies

## Analogous

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



67D1DF



78CCF4



9FC4FB

# Triad

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



78CCF4



FAACC1



B6C990

# Complementary

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



78CCF4



F4A078

# 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.



D5C088



78CCF4



FBAFA4

# Square

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



78CCF4



E8B0DE



EDB78F



94CFA5

# Rectangle

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



78CCF4



BBBDF7



EDB78F



C0C68B

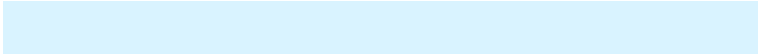


# Sweetspot

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



78CCF4



D9F3FF



78F49F



697880



000000



808080



# Same Dimension

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



78CCF4



63CDFE



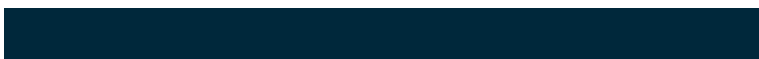
788FF4



6E767A



007EBA



00283B



# Inverse Universe

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



F478CC



FF63CD



F4DD78



7A6E76



BA007E

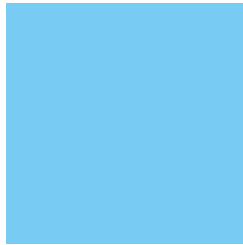


3B0028



# Previews

## White Background



This preview shows how the Hex color 78CCF4 looks on a white background.

## Color Contrast Check

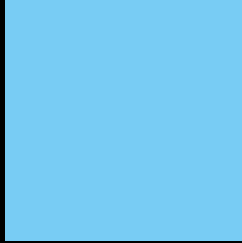
Large Text (above 18pt) WCAG AA × Fail

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 78CCF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

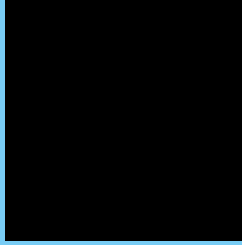
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

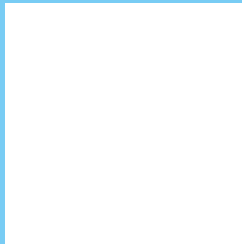
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78CCF4 Background



This preview shows how black text looks on a background with the Hex color 78CCF4.

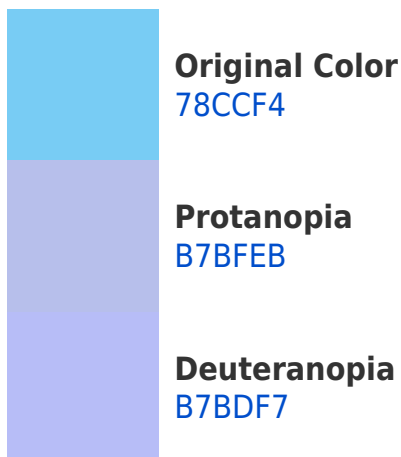


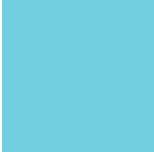
This preview shows how white text looks on a background with the Hex color 78CCF4.

# 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](#).

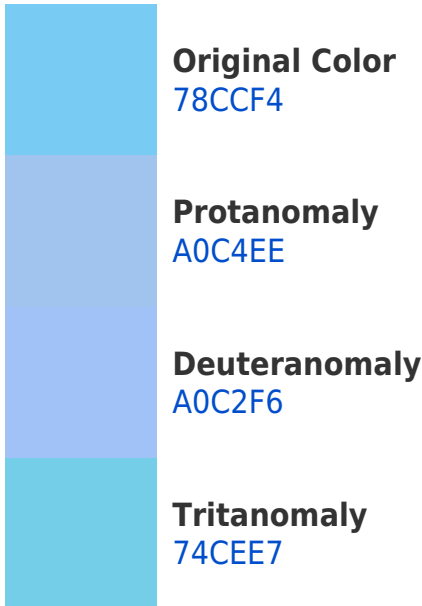
## Dichromacy



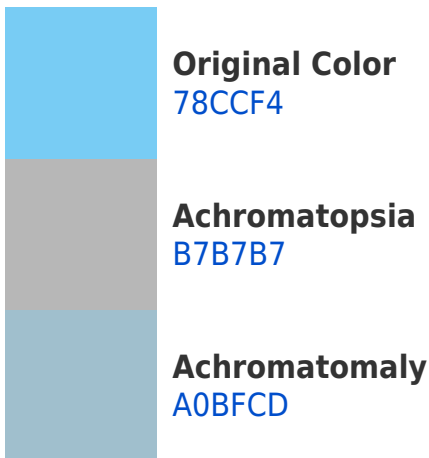


**Tritanopia**  
71CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78CCF4 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 #78CCF4 looks like.

```
.text, #text, p{  
    color:#78CCF4  
}
```

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 #78CCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CCF4
}
```

## Border

The CSS property to change the border of an element to Hex 78CCF4 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
#78CCF4 }
```

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

```
.border{ border-color:#78CCF4 }
```

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

Here you see how a box with a 4 pixel #78CCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CCF4; -webkit-box-shadow:4px 4px  
4px 4px #78CCF4; box-shadow:4px 4px 4px  
4px #78CCF4 }
```

# Background

The CSS property to change the background color of an element to Hex 78CCF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CCF4 }
```

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

```
.background{ background-color:#78CCF4 }
```

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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