

# Converting Colors

Hex(7FC0F0)

Have a look what the booklet for  
Hex(7FC0F0) contains.

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# **Color**

**Hex(7FC0F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7FC0F0
RGB	127, 192, 240
RGB Percent	50%, 75%, 94%
CMY	0.5020, 0.2471, 0.0588
CMYK	0.47, 0.20, 0.00, 0.06
HSL	205°, 79%, 72%
HSV	205°, 47%, 94%
XYZ	43.3302, 48.5026, 89.5163
YIQ	178.0370, -54.1480, 1.1480

# Conversions

## Conversions Part 2

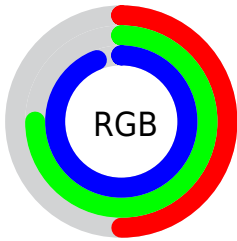
Format	Color
R <sub>Y</sub> B	127, 168, 240
Decimal	8372464
CIE Lab	75.14, -8.03, -30.22
CIE LCh	75, 31.270, 255.117
Yxy	48.5026, 0.2389, 0.2675
Android (android.graphics.Color)	4286562544 (0xFF7FC0F0)
YUV	178.0370, 30.5478, -44.7594
Hunter-Lab	69.6438, -10.8194, -27.4574

# Details

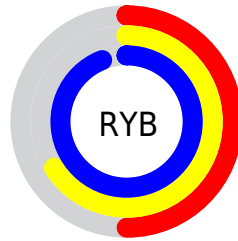
The Hex color **7FC0F0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F0AF7F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B8F8FF**, and **458BB8** is the 20% darker color. If you saturate the color by 10%, you get **67B6F0**, and if you desaturate by 10%, it is **97CAF0**.

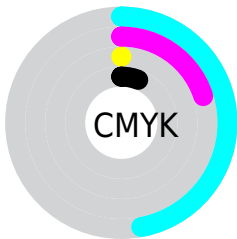
# Distribution



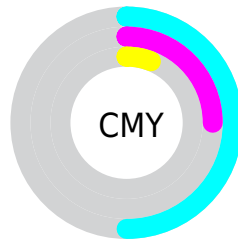
- Red (50%)
- Green (75%)
- Blue (94%)



- Red (50%)
- Yellow (66%)
- Blue (94%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (25%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FC0F0 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 7FC0F0 by changing the saturation by 10% instead.



 7FC0F0

 7FC0F0

FFFFFF

 62A5D4

 B8F8FF

 458BB8

 D6FFFF

 23719D

 F3FFFF

 005983

 004269

 002C51

 00183A

 000224

 00000B

 7FC0F0

 7FC0F0

 67B6F0

 97CAF0

 4FACF0

 AFD4F0

 37A1F0

 C7DFF0

 1F97F0

 DFE9F0

 078DF0

 F7F3F0

 008AF0

 FFFDF0

 FFFFF0

# Harmonies

## Analogous

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



61C6E1



7FC0F0



A9B7F0

# Triad

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



7FC0F0



F3A4AB



9EC390

# Complementary

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



7FC0F0



F0AF7F

# 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.



BFBC81



7FC0F0



EDA991

# Square

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



7FC0F0



E9A5C9



DAB282



7DC8A9

# Rectangle

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



7FC0F0



C4B0E8



DAB282



A9C189

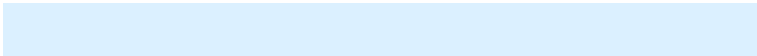


# Sweetspot

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



7FC0F0



DBF0FF



7FF0AE



6A7680



000000



808080

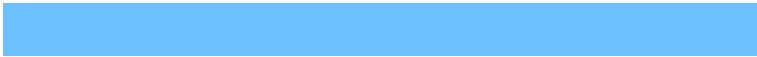


# Same Dimension

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



7FC0F0



6EC1FF



7F88F0



6C7378



006AB8



002038



# Inverse Universe

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



F07FC0



FF6EC1



F0E77F



786C73



B8006A

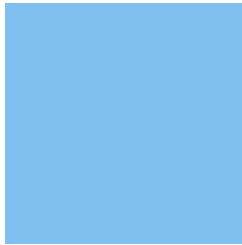


380020



# Previews

## White Background



This preview shows how the Hex color 7FC0F0 looks on a white background.

## Color Contrast Check

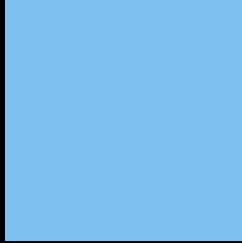
Large Text (above 18pt) WCAG AA × Fail

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 7FC0F0 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 7FC0F0 Background



This preview shows how black text looks on a background with the Hex color 7FC0F0.

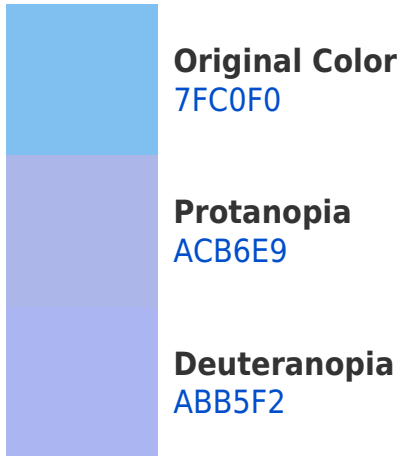


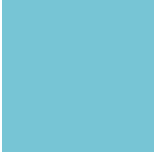
This preview shows how white text looks on a background with the Hex color 7FC0F0.

# 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](#).

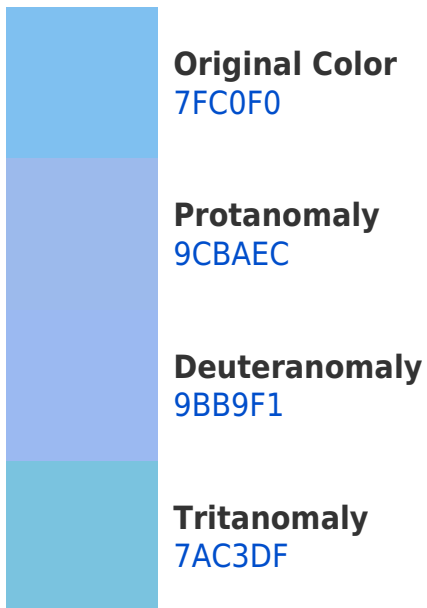
## Dichromacy





**Tritanopia**  
77C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FC0F0 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 #7FC0F0 looks like.

```
.text, #text, p{  
    color:#7FC0F0  
}
```

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 #7FC0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC0F0
}
```

## Border

The CSS property to change the border of an element to Hex 7FC0F0 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
#7FC0F0 }
```

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

```
.border{ border-color:#7FC0F0 }
```

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

Here you see how a box with a 4 pixel #7FC0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC0F0; -webkit-box-shadow:4px 4px  
4px 4px #7FC0F0; box-shadow:4px 4px 4px  
4px #7FC0F0 }
```

# Background

The CSS property to change the background color of an element to Hex 7FC0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC0F0 }
```

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

```
.background{ background-color:#7FC0F0 }
```

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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