

# Converting Colors

Hex(7FC8F6)

Have a look what the booklet for  
Hex(7FC8F6) contains.

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# **Color**

**Hex(7FC8F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FC8F6
RGB	127, 200, 246
RGB Percent	50%, 78%, 96%
CMY	0.5020, 0.2157, 0.0353
CMYK	0.48, 0.19, 0.00, 0.04
HSL	203°, 87%, 73%
HSV	203°, 48%, 96%
XYZ	46.0412, 52.4744, 94.8907
YIQ	183.4170, -58.2740, -1.1700

# Conversions

## Conversions Part 2

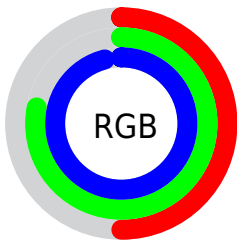
Format	Color
R <sub>Y</sub> B	127, 172, 246
Decimal	8374518
CIE Lab	77.56, -10.61, -29.72
CIE LCh	78, 31.558, 250.352
Yxy	52.4744, 0.2381, 0.2713
Android (android.graphics.Color)	4286564598 (0xFF7FC8F6)
YUV	183.4170, 30.8534, -49.4777
Hunter-Lab	72.4392, -13.3168, -26.9586

# Details

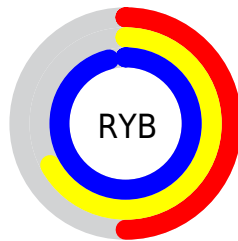
The Hex color **7FC8F6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6AD7F**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B9FFFF**, and **4392BE** is the 20% darker color. If you saturate the color by 10%, you get **66BEF6**, and if you desaturate by 10%, it is **98D2F6**.

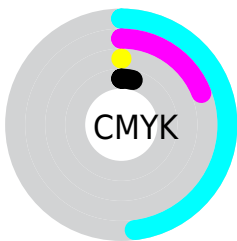
# Distribution



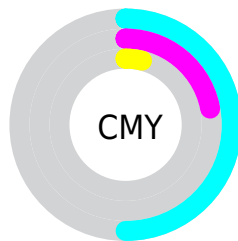
- Red (50%)
- Green (78%)
- Blue (96%)



- Red (50%)
- Yellow (67%)
- Blue (96%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (50%)
- Magenta (22%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FC8F6 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 7FC8F6 by changing the saturation by 10% instead.



 7FC8F6

 7FC8F6

FFFFFF

 62ADD9

 B9FFFF

 4392BE

 D6FFFF

 1F78A2

 F4FFFF

 006088

 00486E

 003256

 001D3E

 000328

 000112

 7FC8F6

 7FC8F6

 66BEF6

 98D2F6

 4EB5F6

 B0DBF6

 35ABF6

 C9E5F6

 1DA2F6

 E1EEF6

 0498F6

 FAF8F6

 0097F6

 FFFFF6

# Harmonies

## Analogous

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



65CEE5



7FC8F6



A9BFF9

# Triad

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



7FC8F6



FAAAB6



AAC992

# Complementary

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



7FC8F6



F6AD7F

# 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.



CAC186



7FC8F6



F7AE9B

# Square

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



7FC8F6



EDACD4



E5B789



88CEAB

# Rectangle

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



7FC8F6



C4B8F2



E5B789



B5C78D

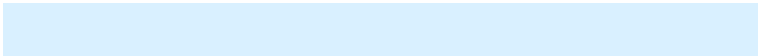


# Sweetspot

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



7FC8F6



D9F0FF



7FF6AD



697780



000000



808080



# Same Dimension

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



7FC8F6



6BC6FF



7F8DF6



6E767A



0072BA



00243B



# Inverse Universe

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



F67FC8



FF6BC6



F6E87F



7A6E76



BA0072

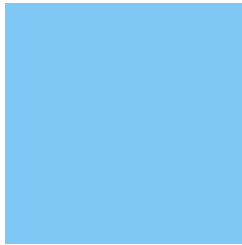


3B0024



# Previews

## White Background



This preview shows how the Hex color 7FC8F6 looks on a white background.

## Color Contrast Check

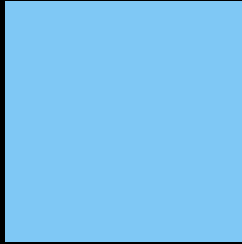
Large Text (above 18pt) WCAG AA × Fail

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 7FC8F6 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

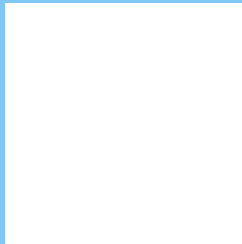
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FC8F6 Background



This preview shows how black text looks on a background with the Hex color 7FC8F6.



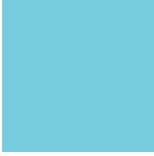
This preview shows how white text looks on a background with the Hex color 7FC8F6.

# Color Blindness Simulation

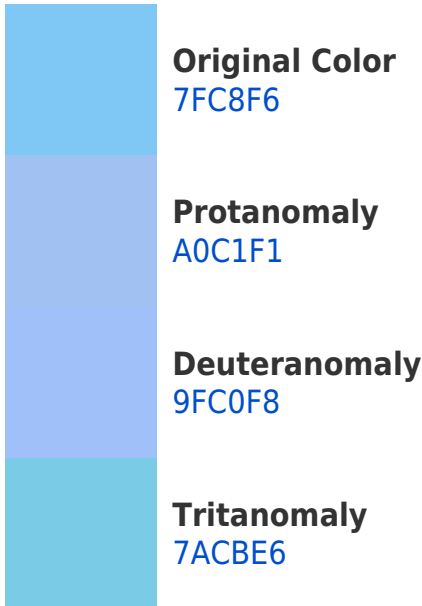
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

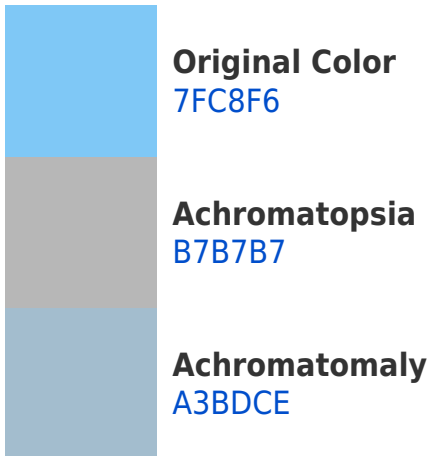




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FC8F6 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 #7FC8F6 looks like.

```
.text, #text, p{  
    color:#7FC8F6  
}
```

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 #7FC8F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC8F6
}
```

## Border

The CSS property to change the border of an element to Hex 7FC8F6 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
#7FC8F6 }
```

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

```
.border{ border-color:#7FC8F6 }
```

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

Here you see how a box with a 4 pixel #7FC8F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC8F6; -webkit-box-shadow:4px 4px  
4px 4px #7FC8F6; box-shadow:4px 4px 4px  
4px #7FC8F6 }
```

# Background

The CSS property to change the background color of an element to Hex 7FC8F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC8F6 }
```

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

```
.background{ background-color:#7FC8F6 }
```

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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