

# Converting Colors

Hex(7BC5F4)

Have a look what the booklet for  
Hex(7BC5F4) contains.

<b>Hex(7BC5F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7BC5F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC5F4
RGB	123, 197, 244
RGB Percent	48%, 77%, 96%
CMY	0.5176, 0.2275, 0.0431
CMYK	0.50, 0.19, 0.00, 0.04
HSL	203°, 85%, 72%
HSV	203°, 50%, 96%
XYZ	44.4638, 50.6751, 93.0257
YIQ	180.2320, -59.1910, -1.0710

# Conversions

## Conversions Part 2

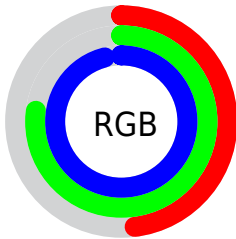
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 169, 244
Decimal	8111604
CIE Lab	76.48, -10.48, -30.33
CIE LCh	76, 32.087, 250.928
Yxy	50.6751, 0.2363, 0.2693
Android (android.graphics.Color)	4286301684 (0xFF7BC5F4)
YUV	180.2320, 31.4376, -50.1925
Hunter-Lab	71.1865, -13.0834, -27.6491

# Details

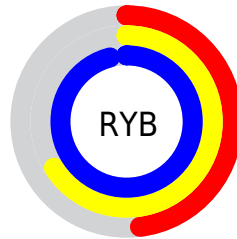
The Hex color **7BC5F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4AA7B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B5FEFF**, and **3F8FBC** is the 20% darker color. If you saturate the color by 10%, you get **63BCF4**, and if you desaturate by 10%, it is **93CEF4**.

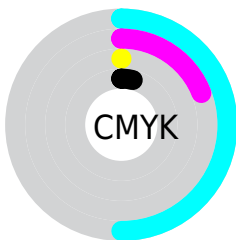
# Distribution



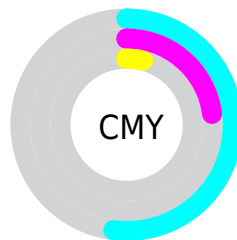
- Red (48%)
- Green (77%)
- Blue (96%)



- Red (48%)
- Yellow (66%)
- Blue (96%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC5F4 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 7BC5F4 by changing the saturation by 10% instead.



 7BC5F4

 7BC5F4

FFFFFF

 5EAAD7

 B5FEFF

 3F8FBC

 D3FFFF

 1776A1

 F0FFFF

 005D86

 00466D

 002F54

 001B3D

 000327

 000110

 7BC5F4

 7BC5F4

 63BCF4

 93CEF4

 4AB2F4


 ACD8F4

 32A9F4

 C4E1F4

 199FF4

 DDEBF4

 0196F4

 F5F4F4

 0095F4

 FFFE F4

 FFFF F4

# Harmonies

## Analogous

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



5FCBE3



7BC5F4



A6BCF7

# Triad

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



7BC5F4



F8A7B3



A6C68F

# Complementary

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



7BC5F4



F4AA7B

# 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.



C7BE82



7BC5F4



F4AB97

# Square

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



7BC5F4



EBA9D1



E2B485



83CCA8

# Rectangle

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



7BC5F4



C2B5F0



E2B485



B1C489

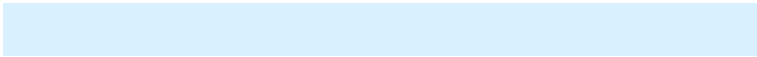


# Sweetspot

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



7BC5F4



D9F0FF



7BF4A9



697780



000000



808080

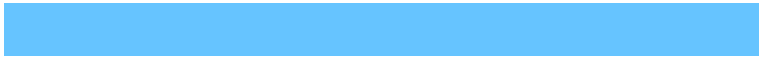


# Same Dimension

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



7BC5F4



66C4FF



7B89F4



6E767A



0072BA



00243B



# Inverse Universe

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



F47BC5



FF66C4



F4E67B



7A6E76



BA0072

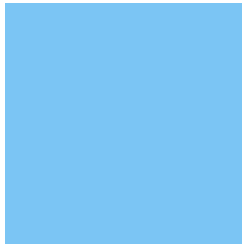


3B0024



# Previews

## White Background



This preview shows how the Hex color 7BC5F4 looks on a white background.

## Color Contrast Check

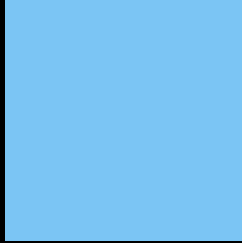
Large Text (above 18pt) WCAG AA × Fail

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 7BC5F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

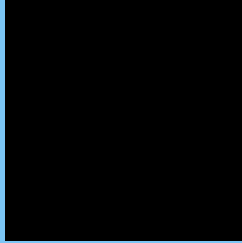
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

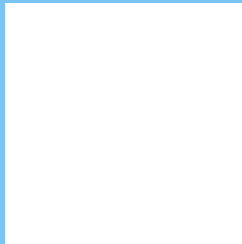
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BC5F4 Background



This preview shows how black text looks on a background with the Hex color 7BC5F4.

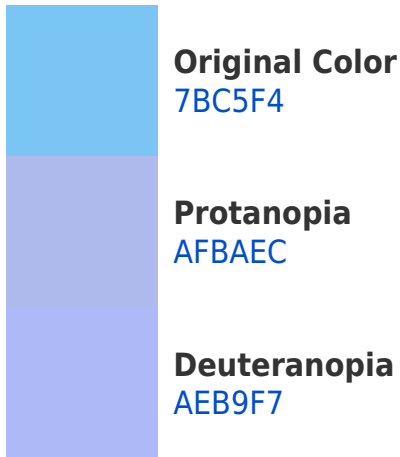


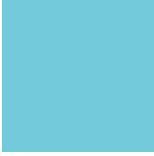
This preview shows how white text looks on a background with the Hex color 7BC5F4.

# 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

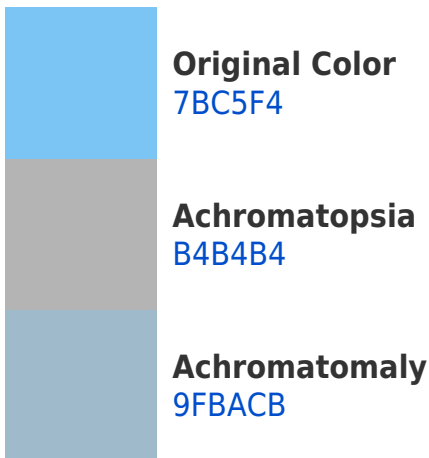




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC5F4 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 #7BC5F4 looks like.

```
.text, #text, p{  
    color:#7BC5F4  
}
```

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 #7BC5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC5F4  
}
```

## Border

The CSS property to change the border of an element to Hex 7BC5F4 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  
#7BC5F4 }
```

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

```
.border{ border-color:#7BC5F4 }
```

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

Here you see how a box with a 4 pixel #7BC5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC5F4; -webkit-box-shadow:4px 4px  
4px 4px #7BC5F4; box-shadow:4px 4px 4px  
4px #7BC5F4 }
```

# Background

The CSS property to change the background color of an element to Hex 7BC5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC5F4 }
```

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

```
.background{ background-color:#7BC5F4 }
```

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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