

# Converting Colors

Hex(7BC1F8)

Have a look what the booklet for  
Hex(7BC1F8) contains.

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# **Color**

**Hex(7BC1F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC1F8
RGB	123, 193, 248
RGB Percent	48%, 76%, 97%
CMY	0.5176, 0.2431, 0.0275
CMYK	0.50, 0.22, 0.00, 0.03
HSL	206°, 90%, 73%
HSV	206°, 50%, 97%
XYZ	44.1816, 49.1282, 95.9610
YIQ	178.3400, -59.3750, 2.2650

# Conversions

## Conversions Part 2

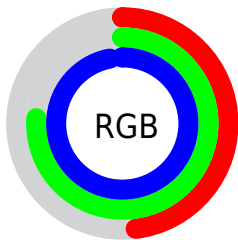
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	123, 168, 248
Decimal	8110584
CIELab	75.53, -7.21, -33.94
CIELCh	76, 34.698, 258.008
Yxy	49.1282, 0.2334, 0.2596
Android (android.graphics.Color)	4286300664 (0xFF7BC1F8)
YUV	178.3400, 34.3424, -48.5332
Hunter-Lab	70.0915, -10.1441, -32.1088

# Details

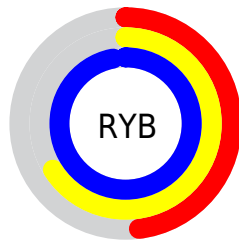
The Hex color **7BC1F8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8B27B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B5F9FF**, and **3E8CBF** is the 20% darker color. If you saturate the color by 10%, you get **62B6F8**, and if you desaturate by 10%, it is **94CCF8**.

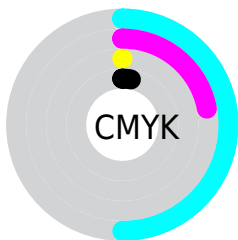
# Distribution



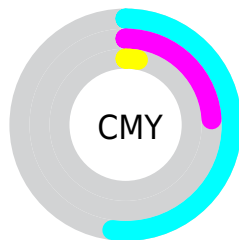
- Red (48%)
- Green (76%)
- Blue (97%)



- Red (48%)
- Yellow (66%)
- Blue (97%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (52%)
- Magenta (24%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC1F8 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 7BC1F8 by changing the saturation by 10% instead.



 7BC1F8

 7BC1F8

FFFFFF

 5DA6DB

 B5F9FF

 3E8CBF

 D3FFFF

 1572A4

 F1FFFF

 005A8A

 004370

 002D57

 001940

 000329

 000113

■ 7BC1F8

■ 7BC1F8

■ 62B6F8

■ 94CCF8

■ 49ABF8

■ ADD7F8

■ 31A0F8

■ C5E2F8

■ 1895F8

■ DEEDF8

■ 008BF8

■ F7F8F8

■ FFFFF8

# Harmonies

## Analogous

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



53C8E9



7BC1F8



ACB6F7

# Triad

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



7BC1F8



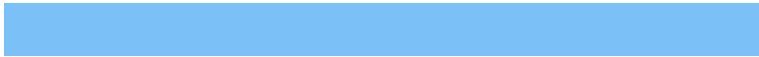
FAA3A8



98C68E

# Complementary

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



7BC1F8



F8B27B

# 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.



BDBE7D



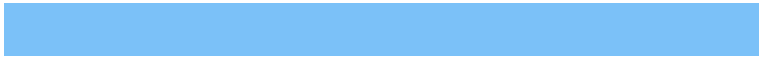
7BC1F8



F2A98C

# Square

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



7BC1F8



F1A3C8



DCB47C



72CBAC

# Rectangle

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



7BC1F8



C9AFED



DCB47C



A5C487

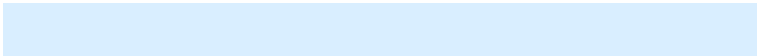


# Sweetspot

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



7BC1F8



D9EEFF



7BF8B1



697580



000000



808080



# Same Dimension

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



7BC1F8



66BCFF



7B83F8



70777D



006ABD



00223D



# Inverse Universe

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



F87BC1



FF66BC



F8F07B



7D7077



BD006A

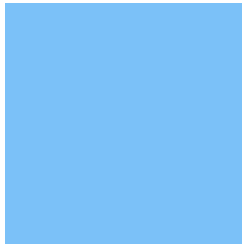


3D0022



# Previews

## White Background



This preview shows how the Hex color 7BC1F8 looks on a white background.

## Color Contrast Check

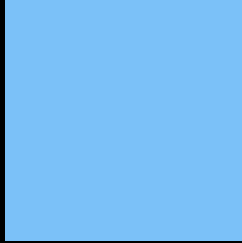
Large Text (above 18pt) WCAG AA × Fail

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 7BC1F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

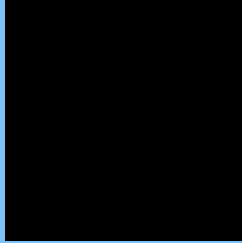
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

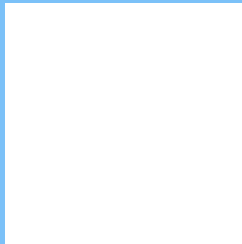
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BC1F8 Background



This preview shows how black text looks on a background with the Hex color 7BC1F8.

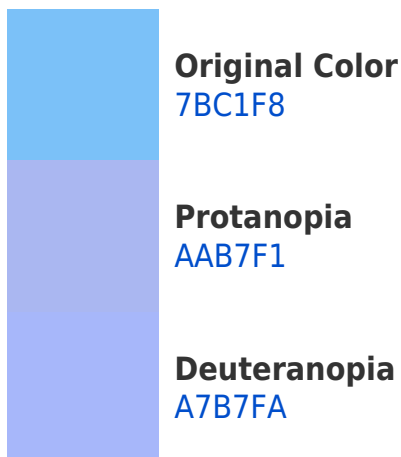


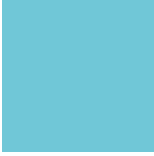
This preview shows how white text looks on a background with the Hex color 7BC1F8.

# 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](#).

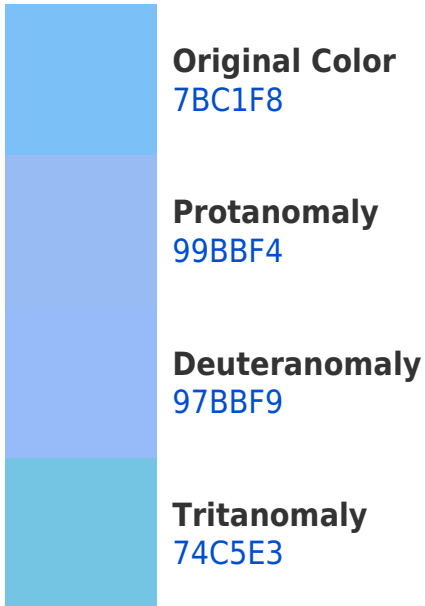
## Dichromacy



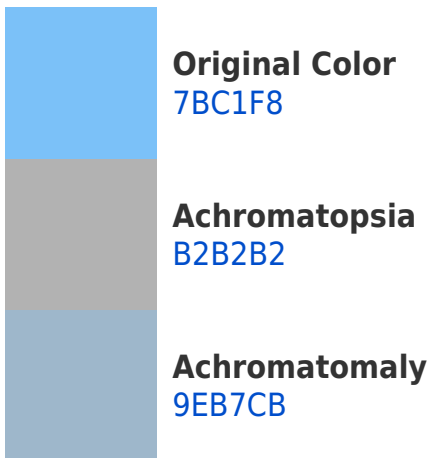


**Tritanopia**  
70C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC1F8 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 #7BC1F8 looks like.

```
.text, #text, p{  
    color:#7BC1F8  
}
```

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 #7BC1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC1F8  
}
```

## Border

The CSS property to change the border of an element to Hex 7BC1F8 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  
#7BC1F8 }
```

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

```
.border{ border-color:#7BC1F8 }
```

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

Here you see how a box with a 4 pixel #7BC1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC1F8; -webkit-box-shadow:4px 4px  
4px 4px #7BC1F8; box-shadow:4px 4px 4px  
4px #7BC1F8 }
```

# Background

The CSS property to change the background color of an element to Hex 7BC1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC1F8 }
```

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

```
.background{ background-color:#7BC1F8 }
```

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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