

# Converting Colors

Hex(80C4F9)

Have a look what the booklet for  
Hex(80C4F9) contains.

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# **Color**

**Hex(80C4F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C4F9
RGB	128, 196, 249
RGB Percent	50%, 77%, 98%
CMY	0.4980, 0.2314, 0.0235
CMYK	0.49, 0.21, 0.00, 0.02
HSL	206°, 91%, 74%
HSV	206°, 49%, 98%
XYZ	45.7409, 50.9086, 97.0381
YIQ	181.7100, -57.5410, 2.0670

# Conversions

## Conversions Part 2

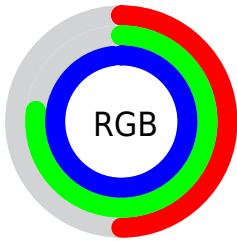
Format	Color
R <sub>Y</sub> B	128, 172, 249
Decimal	8439033
CIE Lab	76.62, -7.41, -32.77
CIE LCh	77, 33.600, 257.251
Yxy	50.9086, 0.2362, 0.2628
Android (android.graphics.Color)	4286629113 (0xFF80C4F9)
YUV	181.7100, 33.1740, -47.1037
Hunter-Lab	71.3503, -10.4310, -30.6906

# Details

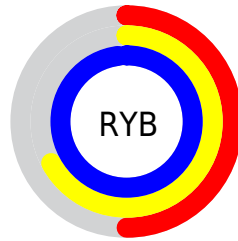
The Hex color **80C4F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9B580**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BAFDFF**, and **448EC0** is the 20% darker color. If you saturate the color by 10%, you get **67B9F9**, and if you desaturate by 10%, it is **99CFF9**.

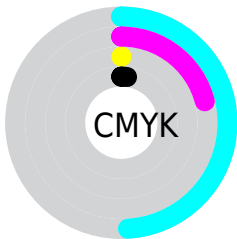
# Distribution



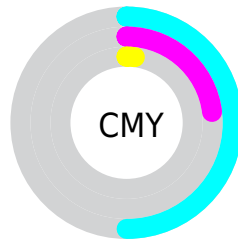
- Red (50%)
- Green (77%)
- Blue (98%)



- Red (50%)
- Yellow (67%)
- Blue (98%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (23%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C4F9 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 80C4F9 by changing the saturation by 10% instead.



 80C4F9

 80C4F9

FFFFFF

 63A9DC

 BAFDFF

 448EC0

 D8FFFF

 2075A5

 F5FFFF

 005C8B

 004571

 002F58

 001B40

 00032A

 000114

■ 80C4F9

■ 80C4F9

■ 67B9F9

■ 99CFF9

■ 4EAEF9

■ B2DAF9

■ 35A3F9

■ CBE5F9

■ 1C98F9

■ E4F0F9

■ 038DF9

■ FCFBF9

■ 008CF9

■ FFFFF9

# Harmonies

## Analogous

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



5CCBEA



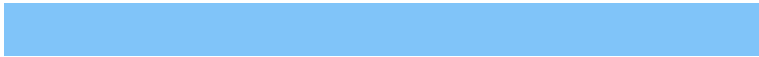
80C4F9



AFBAF8

# Triad

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



80C4F9



FBA6AC



9DC992

# Complementary

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



80C4F9



F9B580

# 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.



C0C181



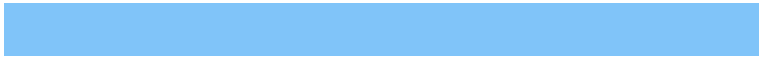
80C4F9



F4AC91

# Square

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



80C4F9



F2A7CC



DFB781



79CDAE

# Rectangle

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



80C4F9



CBB2EF



DFB781

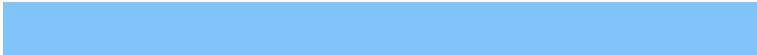


A9C68B

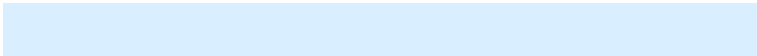


# Sweetspot

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



80C4F9



D9EEFF



80F9B4



697580



000000



808080



# Same Dimension

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



80C4F9



6BBEFF



8088F9



70777D



006ABD



00223D



# Inverse Universe

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



F980C4



FF6BBE



F9F180



7D7077



BD006A

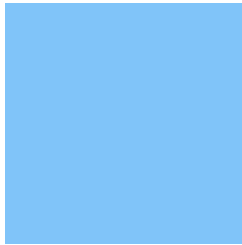


3D0022



# Previews

## White Background



This preview shows how the Hex color 80C4F9 looks on a white background.

## Color Contrast Check

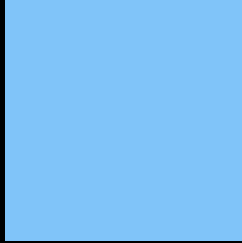
Large Text (above 18pt) WCAG AA × Fail

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 80C4F9 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

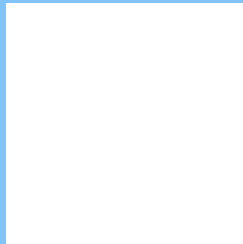
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80C4F9 Background



This preview shows how black text looks on a background with the Hex color 80C4F9.

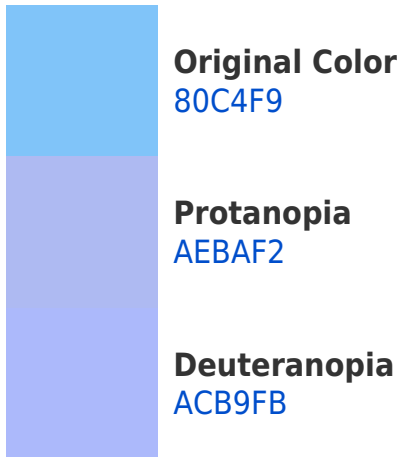


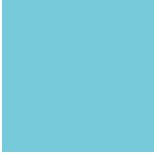
This preview shows how white text looks on a background with the Hex color 80C4F9.

# Color Blindness Simulation

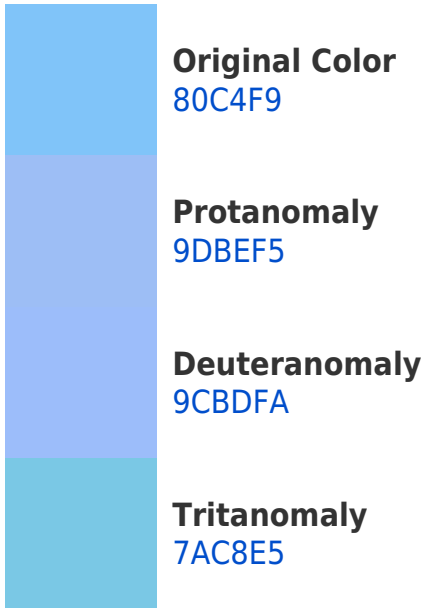
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

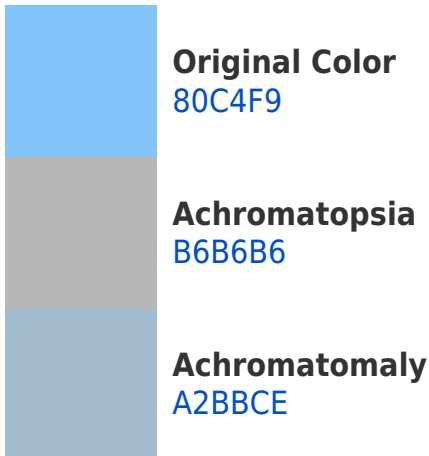




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C4F9 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 #80C4F9 looks like.

```
.text, #text, p{  
    color:#80C4F9  
}
```

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 #80C4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C4F9
}
```

## Border

The CSS property to change the border of an element to Hex 80C4F9 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
#80C4F9 }
```

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

```
.border{ border-color:#80C4F9 }
```

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

Here you see how a box with a 4 pixel #80C4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C4F9; -webkit-box-shadow:4px 4px  
4px 4px #80C4F9; box-shadow:4px 4px 4px  
4px #80C4F9 }
```

# Background

The CSS property to change the background color of an element to Hex 80C4F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C4F9 }
```

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

```
.background{ background-color:#80C4F9 }
```

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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