

# Converting Colors

Hex(78C8FC)

Have a look what the booklet for  
Hex(78C8FC) contains.

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# **Color**

**Hex(78C8FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78C8FC
RGB	120, 200, 252
RGB Percent	47%, 78%, 99%
CMY	0.5294, 0.2157, 0.0118
CMYK	0.52, 0.21, 0.00, 0.01
HSL	204°, 96%, 73%
HSV	204°, 52%, 99%
XYZ	45.9707, 52.3299, 99.7732
YIQ	182.0080, -64.3720, -0.7880

# Conversions

## Conversions Part 2

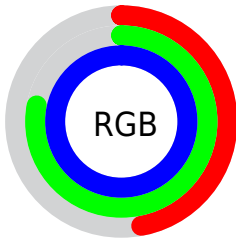
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 170, 252
Decimal	7915772
CIE Lab	77.48, -10.44, -33.09
CIE LCh	77, 34.699, 252.488
Yxy	52.3299, 0.2321, 0.2642
Android (android.graphics.Color)	4286105852 (0xFF78C8FC)
YUV	182.0080, 34.5061, -54.3810
Hunter-Lab	72.3394, -13.1597, -31.1374

# Details

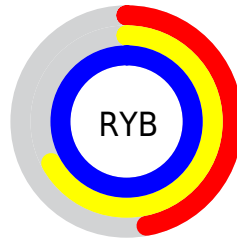
The Hex color **78C8FC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FCAC78**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B3FFFF**, and **3992C3** is the 20% darker color. If you saturate the color by 10%, you get **5FBEFC**, and if you desaturate by 10%, it is **91D2FC**.

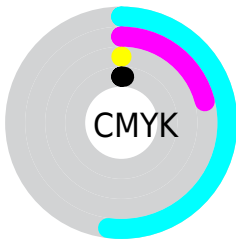
# Distribution



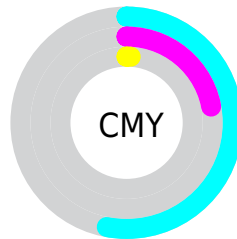
- Red (47%)
- Green (78%)
- Blue (99%)



- Red (47%)
- Yellow (67%)
- Blue (99%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (53%)
- Magenta (22%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78C8FC 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 78C8FC by changing the saturation by 10% instead.



 78C8FC

 78C8FC

FFFFFF

 5AADDFF

 B3FFFF

 3992C3

 D1FFFF

 0278A8

 EFFFFFF

 00608D

 004874

 00325B

 001D43

 00032D

 000117

■ 78C8FC

■ 78C8FC

■ 5FBEFC

■ 91D2FC

■ 46B4FC

■ AADCFC

■ 2CAAFC

■ C4E6FC

■ 13A0FC

■ DDF0FC

■ 0099FC

■ F6FAFC

FFFFFC

# Harmonies

## Analogous

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



56CFEA



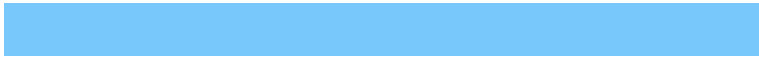
78C8FC



A9BEFE

# Triad

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



78C8FC



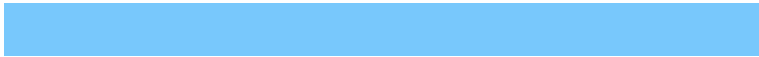
FFA7B3



A4CA8F

# Complementary

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



78C8FC



FCAC78

# 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.



C8C280



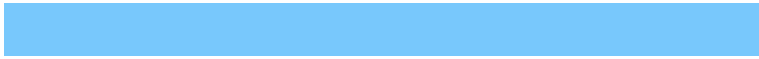
78C8FC



FAAD95

# Square

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



78C8FC



F3AAD4



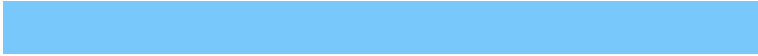
E6B783



7ED0AB

# Rectangle

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



78C8FC



C7B6F6



E6B783



B1C888

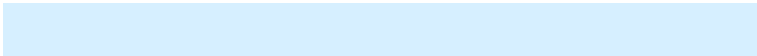


# Sweetspot

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



78C8FC



D6EFFF



78FCAB



677680



000000



808080



# Same Dimension

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



78C8FC



5EC0FF



7887FC



70787D



0072BD



00253D



# Inverse Universe

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



FC78C8



FF5EC0



FCED78



7D7078



BD0072

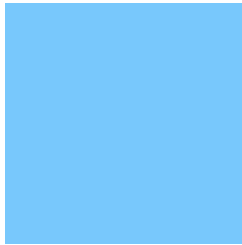


3D0025



# Previews

## White Background



This preview shows how the Hex color 78C8FC looks on a white background.

## Color Contrast Check

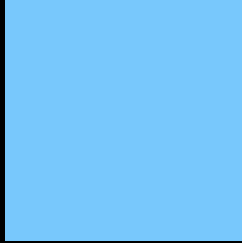
Large Text (above 18pt) WCAG AA × Fail

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 78C8FC 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

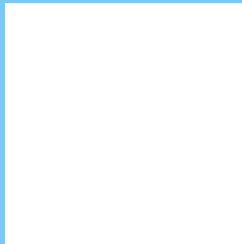
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78C8FC Background



This preview shows how black text looks on a background with the Hex color 78C8FC.



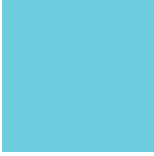
This preview shows how white text looks on a background with the Hex color 78C8FC.

# 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](#).

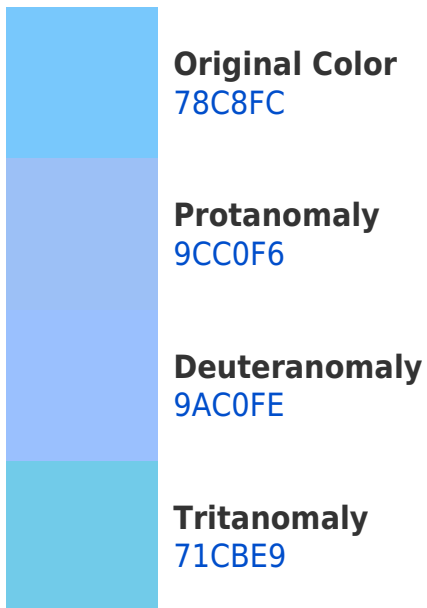
## Dichromacy





**Tritanopia**  
6DCDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78C8FC 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 #78C8FC looks like.

```
.text, #text, p{  
    color:#78C8FC  
}
```

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 #78C8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C8FC
}
```

## Border

The CSS property to change the border of an element to Hex 78C8FC 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
#78C8FC }
```

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

```
.border{ border-color:#78C8FC }
```

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

Here you see how a box with a 4 pixel #78C8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C8FC; -webkit-box-shadow:4px 4px  
4px 4px #78C8FC; box-shadow:4px 4px 4px  
4px #78C8FC }
```

# Background

The CSS property to change the background color of an element to Hex 78C8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C8FC }
```

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

```
.background{ background-color:#78C8FC }
```

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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