

# Converting Colors

Hex(79C8F6)

Have a look what the booklet for  
Hex(79C8F6) contains.

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# **Color**

**Hex(79C8F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79C8F6
RGB	121, 200, 246
RGB Percent	47%, 78%, 96%
CMY	0.5255, 0.2157, 0.0353
CMYK	0.51, 0.19, 0.00, 0.04
HSL	202°, 87%, 72%
HSV	202°, 51%, 96%
XYZ	45.1740, 52.0273, 94.8501
YIQ	181.6230, -61.8500, -2.4420

# Conversions

## Conversions Part 2

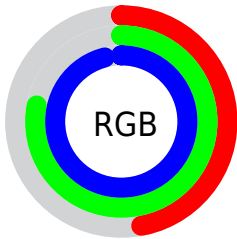
Format	Color
R <sub>Y</sub> B	121, 169, 246
Decimal	7981302
CIE Lab	77.30, -11.94, -30.15
CIE LCh	77, 32.432, 248.391
Yxy	52.0273, 0.2352, 0.2709
Android (android.graphics.Color)	4286171382 (0xFF79C8F6)
YUV	181.6230, 31.7379, -53.1664
Hunter-Lab	72.1300, -14.4354, -27.4747

# Details

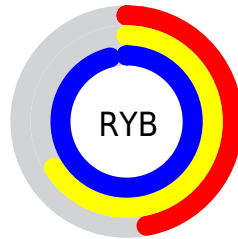
The Hex color **79C8F6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6A779**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B4FFFF**, and **3B92BE** is the 20% darker color. If you saturate the color by 10%, you get **60BFF6**, and if you desaturate by 10%, it is **92D1F6**.

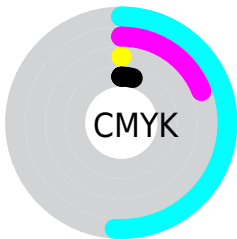
# Distribution



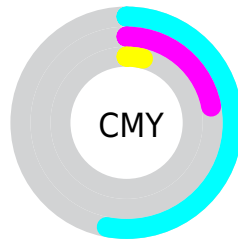
- Red (47%)
- Green (78%)
- Blue (96%)



- Red (47%)
- Yellow (66%)
- Blue (96%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (22%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79C8F6 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 79C8F6 by changing the saturation by 10% instead.



 79C8F6

 79C8F6

FFFFFF

 5BADD9

 B4FFFF

 3B92BE

 D1FFFF

 0E78A2

 EFFFFF

 006088

 00486E

 003256

 001D3E

 000328

 000112

 79C8F6

 79C8F6

 60BFF6

 92D1F6

 48B6F6

 AADAF6

 2FADF6

 C3E3F6

 17A4F6

 DBECF6

 009BF6

 F4F5F6

 FFFE6

 FFFFF6

# Harmonies

## Analogous

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



5FCEE3



79C8F6



A4BFFA

# Triad

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



79C8F6



FAA9B7



ABC88F

# Complementary

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



79C8F6



F6A779

# 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.



CCC083



79C8F6



F8AD9B

# Square

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



79C8F6



ECACD6



E7B688



88CEA8

# Rectangle

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



79C8F6



C1B8F4



E7B688



B6C689

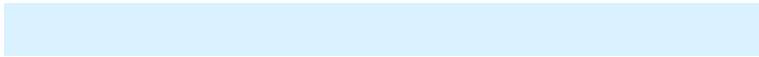


# Sweetspot

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



79C8F6



D9F1FF



79F6A7



697780



000000



808080



# Same Dimension

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



79C8F6



63C6FF



798AF6



6E767A



0076BA



00253B



# Inverse Universe

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



F679C8



FF63C6



F6E579



7A6E76



BA0076

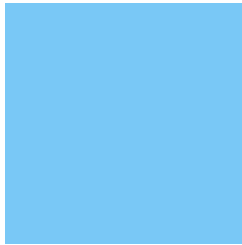


3B0025



# Previews

## White Background



This preview shows how the Hex color 79C8F6 looks on a white background.

## Color Contrast Check

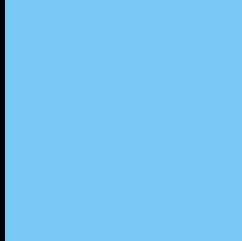
Large Text (above 18pt) WCAG AA × Fail

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 79C8F6 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

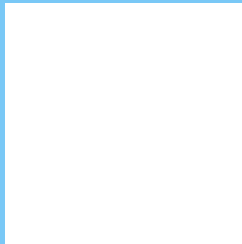
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79C8F6 Background



This preview shows how black text looks on a background with the Hex color 79C8F6.

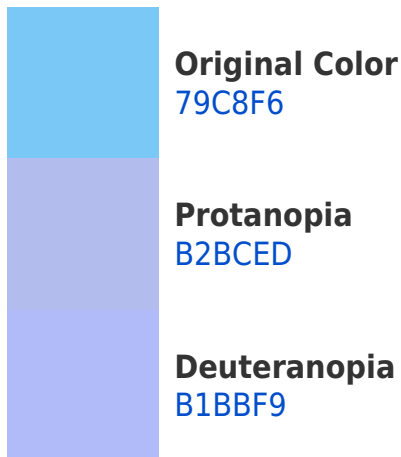


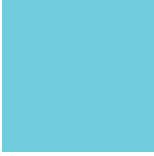
This preview shows how white text looks on a background with the Hex color 79C8F6.

# Color Blindness Simulation

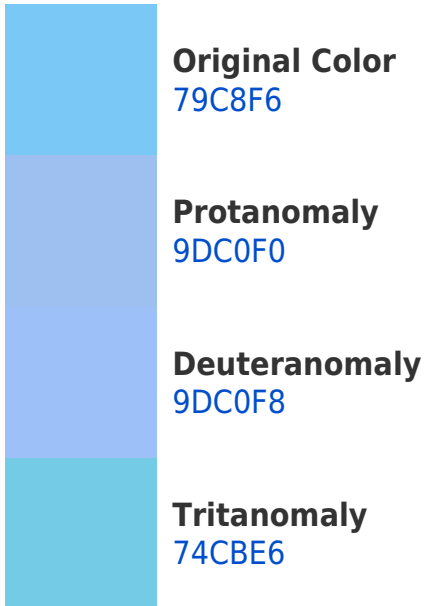
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

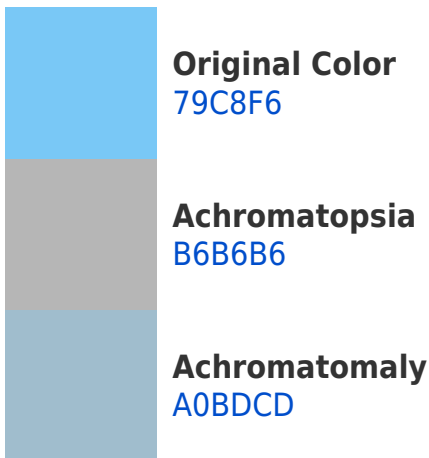




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79C8F6 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 #79C8F6 looks like.

```
.text, #text, p{  
    color:#79C8F6  
}
```

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 #79C8F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C8F6  
}
```

## Border

The CSS property to change the border of an element to Hex 79C8F6 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  
#79C8F6 }
```

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

```
.border{ border-color:#79C8F6 }
```

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

Here you see how a box with a 4 pixel #79C8F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C8F6; -webkit-box-shadow:4px 4px  
4px 4px #79C8F6; box-shadow:4px 4px 4px  
4px #79C8F6 }
```

# Background

The CSS property to change the background color of an element to Hex 79C8F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C8F6 }
```

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

```
.background{ background-color:#79C8F6 }
```

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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