

# Converting Colors

Hex(79D5FB)

Have a look what the booklet for  
Hex(79D5FB) contains.

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# **Color**

**Hex(79D5FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79D5FB
RGB	121, 213, 251
RGB Percent	47%, 84%, 98%
CMY	0.5255, 0.1647, 0.0157
CMYK	0.52, 0.15, 0.00, 0.02
HSL	198°, 94%, 73%
HSV	198°, 52%, 98%
XYZ	49.0920, 58.6185, 99.9939
YIQ	189.8240, -67.0300, -7.6860

# Conversions

## Conversions Part 2

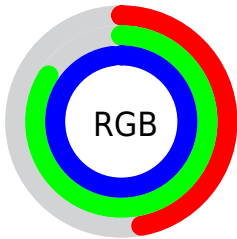
Format	Color
<a href="#">RYB</a>	<a href="#">121, 175, 251</a>
Decimal	<a href="#">7984635</a>
CIELab	<a href="#">81.08, -17.29, -27.02</a>
CIELCh	<a href="#">81, 32.076, 237.392</a>
Yxy	<a href="#">58.6185, 0.2364, 0.2822</a>
Android (android.graphics.Color)	<a href="#">4286174715</a> ( <a href="#">0xFF79D5FB</a> )
YUV	<a href="#">189.8240, 30.1598, -60.3586</a>
Hunter-Lab	<a href="#">76.5627, -19.5306, -23.8411</a>

# Details

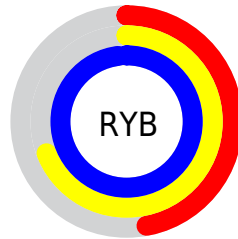
The Hex color **79D5FB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FB9F79**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B4FFFF**, and **399EC2** is the 20% darker color. If you saturate the color by 10%, you get **60CEFB**, and if you desaturate by 10%, it is **92DCFB**.

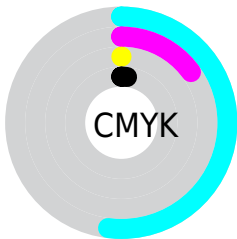
# Distribution



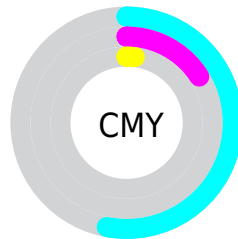
- Red (47%)
- Green (84%)
- Blue (98%)



- Red (47%)
- Yellow (69%)
- Blue (98%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79D5FB 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 79D5FB by changing the saturation by 10% instead.



 79D5FB

 79D5FB

FFFFFF

 5BB9DE

 B4FFFF

 399EC2

 D2FFFF

 0284A7

 F0FFFF

 006B8D

 005273

 003B5A

 002543

 000B2C

 000117

■ 79D5FB

■ 79D5FB

■ 60CEFB

■ 92DCFB

■ 47C6FB

■ ABE4FB

■ 2EBFFB

■ C4EBFB

■ 15B8FB

■ DDF2FB

■ 00B2FB

■ F7FAFB

■ FFFFFB

# Harmonies

## Analogous

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



6CD9E4



79D5FB



9FCDFE

# Triad

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



79D5FB



FFB3CD



C2D093

# Complementary

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



79D5FB



FB9F79

# 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.



E1C78D



79D5FB



FFB5AF

# Square

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



79D5FB



EDB9EA



F9BC98



9FD7A8

# Rectangle

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



79D5FB



BCC6FF



F9BC98

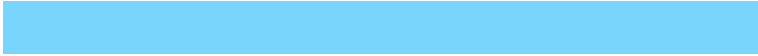


CDCD90

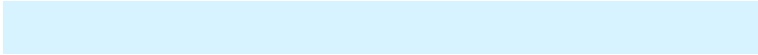


# Sweetspot

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



79D5FB



D6F3FF



79FB9E



677880



000000



808080



# Same Dimension

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



79D5FB



61D1FF



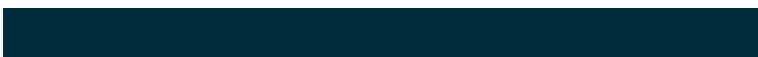
7995FB



70797D



0086BD



002B3D



# Inverse Universe

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



FB79D5



FF61D1



FBDF79



7D7079



BD0086

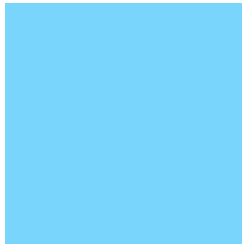


3D002B



# Previews

## White Background



This preview shows how the Hex color 79D5FB looks on a white background.

## Color Contrast Check

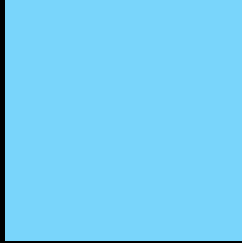
Large Text (above 18pt) WCAG AA × Fail

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 79D5FB 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 79D5FB Background



This preview shows how black text looks on a background with the Hex color 79D5FB.

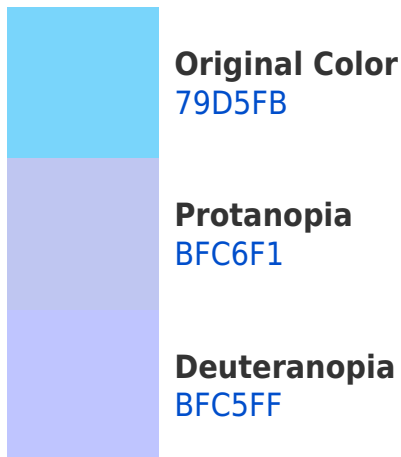


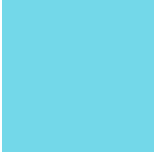
This preview shows how white text looks on a background with the Hex color 79D5FB.

# 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](#).

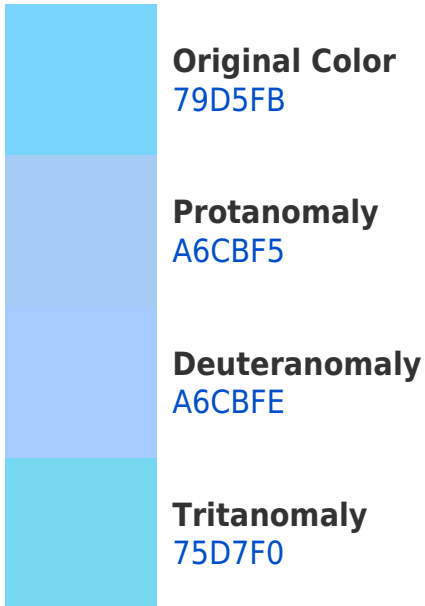
## Dichromacy



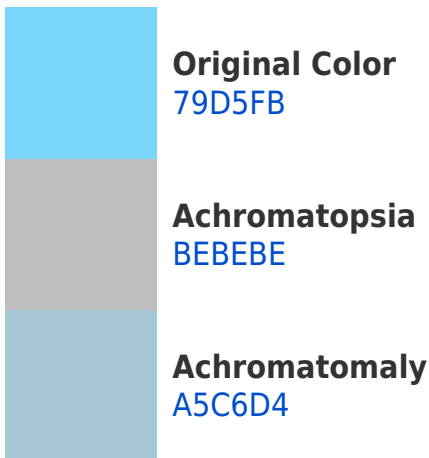


**Tritanopia**  
73D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79D5FB 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 #79D5FB looks like.

```
.text, #text, p{  
    color:#79D5FB  
}
```

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 #79D5FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D5FB  
}
```

## Border

The CSS property to change the border of an element to Hex 79D5FB 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  
#79D5FB }
```

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

```
.border{ border-color:#79D5FB }
```

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

Here you see how a box with a 4 pixel #79D5FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D5FB; -webkit-box-shadow:4px 4px  
4px 4px #79D5FB; box-shadow:4px 4px 4px  
4px #79D5FB }
```

# Background

The CSS property to change the background color of an element to Hex 79D5FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D5FB }
```

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

```
.background{ background-color:#79D5FB }
```

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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