

# Converting Colors

Hex(75C9F9)

Have a look what the booklet for  
Hex(75C9F9) contains.

<b>Hex(75C9F9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(75C9F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75C9F9
RGB	117, 201, 249
RGB Percent	46%, 79%, 98%
CMY	0.5412, 0.2118, 0.0235
CMYK	0.53, 0.19, 0.00, 0.02
HSL	202°, 92%, 72%
HSV	202°, 53%, 98%
XYZ	45.3216, 52.3947, 97.3470
YIQ	181.3560, -65.4720, -2.8800

# Conversions

## Conversions Part 2

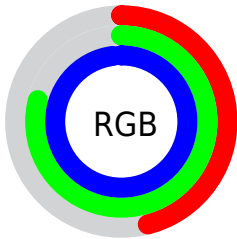
Format	Color
R <sub>Y</sub> B	117, 168, 249
Decimal	7719417
CIE Lab	77.52, -12.46, -31.44
CIE LCh	78, 33.817, 248.374
Yxy	52.3947, 0.2323, 0.2686
Android (android.graphics.Color)	4285909497 (0xFF75C9F9)
YUV	181.3560, 33.3485, -56.4402
Hunter-Lab	72.3842, -14.9089, -29.0681

# Details

The Hex color **75C9F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9A575**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B0FFFF**, and **3593C0** is the 20% darker color. If you saturate the color by 10%, you get **5CC0F9**, and if you desaturate by 10%, it is **8ED2F9**.

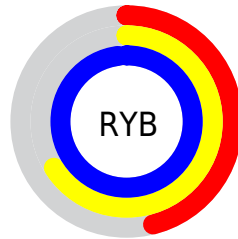
# Distribution



Red (46%)

Green (79%)

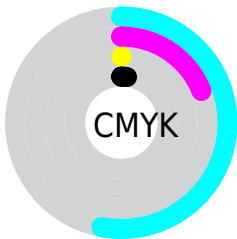
Blue (98%)



Red (46%)

Yellow (66%)

Blue (98%)

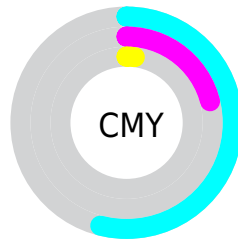


Cyan (53%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (21%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C9F9 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 75C9F9 by changing the saturation by 10% instead.



 75C9F9

 75C9F9

FFFFFF

 56AEDC

 B0FFFF

 3593C0

 CEFFFF

 0079A5

 ECFFFF

 00618B

 004971

 003258

 001E41

 00032A

 000115

■ 75C9F9

■ 75C9F9

■ 5CC0F9

■ 8ED2F9

■ 43B7F9

■ A7DBF9

■ 2AAEF9

■ C0E4F9

■ 11A5F9

■ D9EDF9

■ 009EF9

■ F2F6F9

■ FFFFF9

# Harmonies

## Analogous

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



59CFE5



75C9F9



A3C0FD

# Triad

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



75C9F9



FDA8B8



AAC98E

# Complementary

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



75C9F9



F9A575

# 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.



CDC081



75C9F9



FBAC9A

# Square

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



75C9F9



EFABD7



E9B686



85CFA7

# Rectangle

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



75C9F9



C2B8F7



E9B686



B6C788

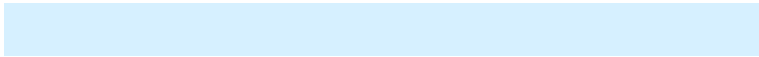


# Sweetspot

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



75C9F9



D6F0FF



75F9A3



677780



000000



808080



# Same Dimension

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



75C9F9



5CC4FF



7589F9



70787D



0078BD



00273D



# Inverse Universe

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



F975C9



FF5CC4



F9E575



7D7078



BD0078

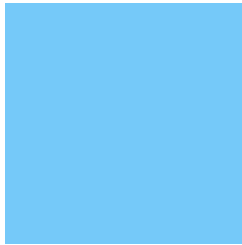


3D0027



# Previews

## White Background



This preview shows how the Hex color 75C9F9 looks on a white background.

## Color Contrast Check

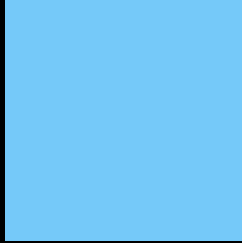
Large Text (above 18pt) WCAG AA × Fail

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 75C9F9 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

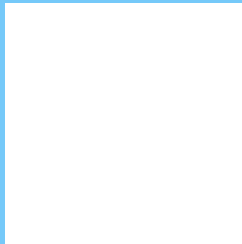
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75C9F9 Background



This preview shows how black text looks on a background with the Hex color 75C9F9.

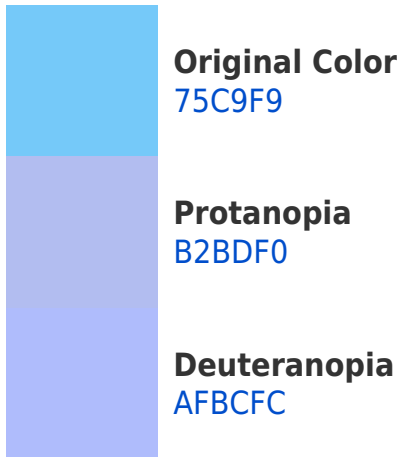


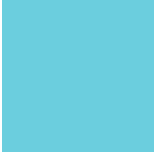
This preview shows how white text looks on a background with the Hex color 75C9F9.

# Color Blindness Simulation

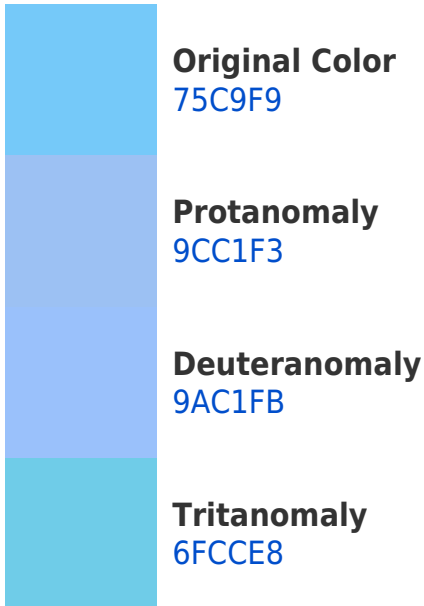
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

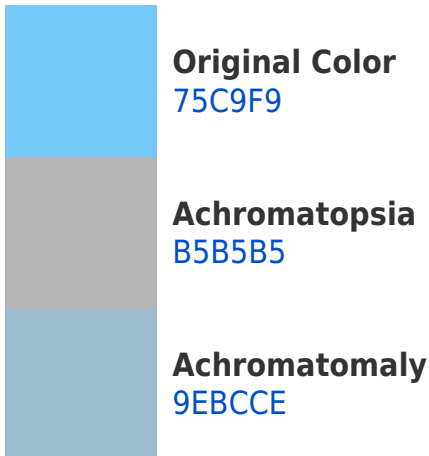




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C9F9 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 #75C9F9 looks like.

```
.text, #text, p{  
    color:#75C9F9  
}
```

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 #75C9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C9F9
}
```

## Border

The CSS property to change the border of an element to Hex 75C9F9 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
#75C9F9 }
```

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

```
.border{ border-color:#75C9F9 }
```

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

Here you see how a box with a 4 pixel #75C9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C9F9; -webkit-box-shadow:4px 4px  
4px 4px #75C9F9; box-shadow:4px 4px 4px  
4px #75C9F9 }
```

# Background

The CSS property to change the background color of an element to Hex 75C9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C9F9 }
```

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

```
.background{ background-color:#75C9F9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor