

# Converting Colors

Hex(75D6F9)

Have a look what the booklet for  
Hex(75D6F9) contains.

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**Color**

**Hex(75D6F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75D6F9
RGB	117, 214, 249
RGB Percent	46%, 84%, 98%
CMY	0.5412, 0.1608, 0.0235
CMYK	0.53, 0.14, 0.00, 0.02
HSL	196°, 92%, 72%
HSV	196°, 53%, 98%
XYZ	48.4816, 58.7146, 98.4003
YIQ	188.9870, -69.0470, -9.6790

# Conversions

## Conversions Part 2

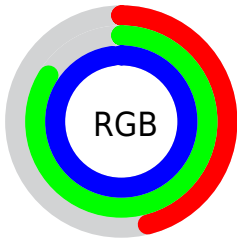
Format	Color
R <sub>Y</sub> B	117, 173, 249
Decimal	7722745
CIE Lab	81.13, -19.18, -25.89
CIE LCh	81, 32.223, 233.463
Yxy	58.7146, 0.2358, 0.2856
Android (android.graphics.Color)	4285912825 (0xFF75D6F9)
YUV	188.9870, 29.5864, -63.1326
Hunter-Lab	76.6254, -21.1561, -22.5008

# Details

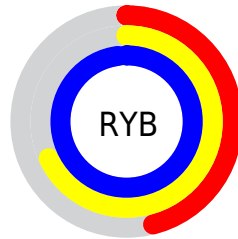
The Hex color **75D6F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F99875**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B1FFFF**, and **339FC0** is the 20% darker color. If you saturate the color by 10%, you get **5CCFF9**, and if you desaturate by 10%, it is **8EDDF9**.

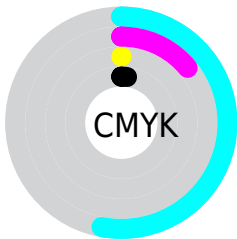
# Distribution



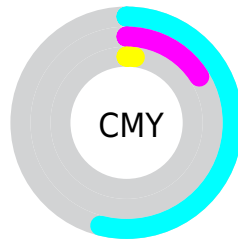
- Red (46%)
- Green (84%)
- Blue (98%)



- Red (46%)
- Yellow (68%)
- Blue (98%)



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (54%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75D6F9 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 75D6F9 by changing the saturation by 10% instead.



 75D6F9

 75D6F9

FFFFFF

 56BADC

 B1FFFF

 339FC0

 CFFFFFF

 0085A5

 EDFFFF

 006C8B

 005371

 003C59

 002641

 000B2B

 000116

■ 75D6F9

■ 75D6F9

■ 5CCFF9

■ 8EDDF9

■ 43C9F9

■ A7E3F9

■ 2AC2F9

■ C0EAF9

■ 11BCF9

■ D9F0F9

■ 00B7F9

■ F2F7F9

■ FFFE9

■ FFFF9

# Harmonies

## Analogous

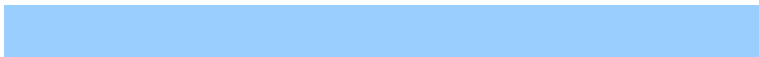
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DDAE0



75D6F9



99CEFF

# Triad

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



75D6F9



FFB4D1



C6CF92

# Complementary

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



75D6F9



F99875

# 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.



E5C58E



75D6F9



FFB4B3

# Square

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



75D6F9



EABAEE



FCBB9A



A4D6A5

# Rectangle

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



75D6F9



B7C8FF



FCBB9A



D1CC8F

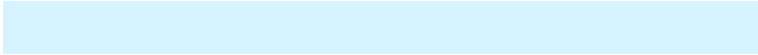


# Sweetspot

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



75D6F9



D6F4FF



75F996



677980



000000



808080



# Same Dimension

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



75D6F9



5CD4FF



7596F9



707A7D



008BBD



002D3D



# Inverse Universe

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



F975D6



FF5CD4



F9D875



7D707A



BD008B

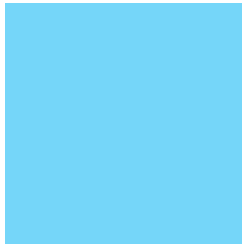


3D002D



# Previews

## White Background



This preview shows how the Hex color 75D6F9 looks on a white background.

## Color Contrast Check

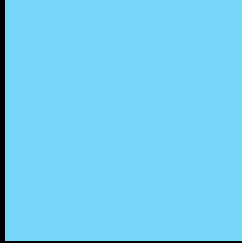
Large Text (above 18pt) WCAG AA × Fail

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 75D6F9 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 75D6F9 Background



This preview shows how black text looks on a background with the Hex color 75D6F9.

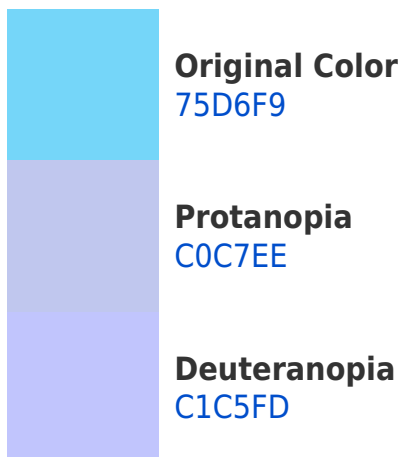


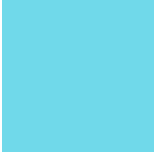
This preview shows how white text looks on a background with the Hex color 75D6F9.

# 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](#).

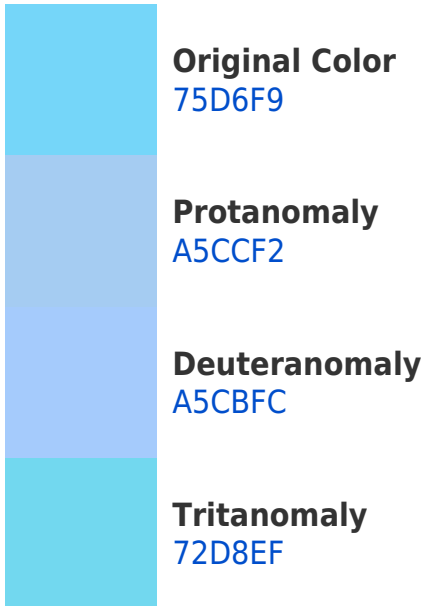
## Dichromacy



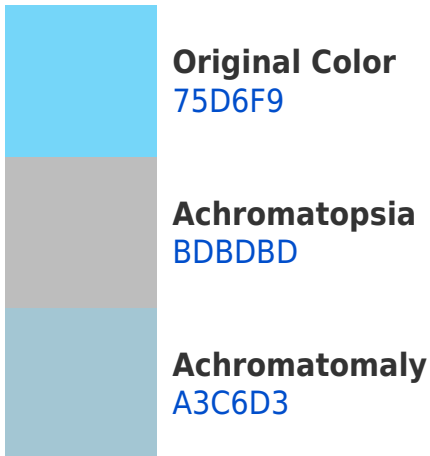


**Tritanopia**  
70D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75D6F9 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 #75D6F9 looks like.

```
.text, #text, p{  
    color:#75D6F9  
}
```

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 #75D6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D6F9
}
```

## Border

The CSS property to change the border of an element to Hex 75D6F9 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
#75D6F9 }
```

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

```
.border{ border-color:#75D6F9 }
```

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

Here you see how a box with a 4 pixel #75D6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D6F9; -webkit-box-shadow:4px 4px  
4px 4px #75D6F9; box-shadow:4px 4px 4px  
4px #75D6F9 }
```

# Background

The CSS property to change the background color of an element to Hex 75D6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D6F9 }
```

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

```
.background{ background-color:#75D6F9 }
```

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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