

# Converting Colors

Hex(739CFD)

Have a look what the booklet for  
Hex(739CFD) contains.

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**Color**

**Hex(739CFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	739CFD
RGB	115, 156, 253
RGB Percent	45%, 61%, 99%
CMY	0.5490, 0.3882, 0.0078
CMYK	0.55, 0.38, 0.00, 0.01
HSL	222°, 97%, 72%
HSV	222°, 55%, 99%
XYZ	36.6883, 34.5136, 97.6566
YIQ	154.7990, -55.5730, 21.4750

# Conversions

## Conversions Part 2

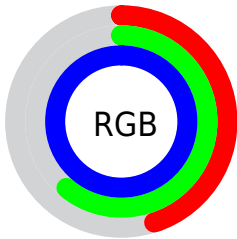
Format	Color
R <sub>Y</sub> B	115, 147, 253
Decimal	7576829
CIE <sub>Lab</sub>	65.37, 13.33, -52.59
CIE <sub>LCh</sub>	65, 54.249, 284.224
Yxy	34.5136, 0.2173, 0.2044
Android (android.graphics.Color)	4285766909 (0xFF739CFD)
YUV	154.7990, 48.4131, -34.9037
Hunter-Lab	58.7483, 8.6638, -57.4333

# Details

The Hex color **739CFD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDD473**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AED2FF**, and **3169C4** is the 20% darker color. If you saturate the color by 10%, you get **5A8AFD**, and if you desaturate by 10%, it is **8CAEFD**.

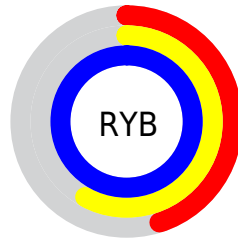
# Distribution



Red (45%)

Green (61%)

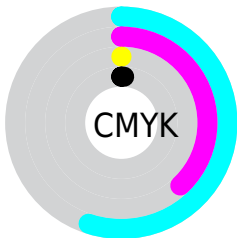
Blue (99%)



Red (45%)

Yellow (58%)

Blue (99%)

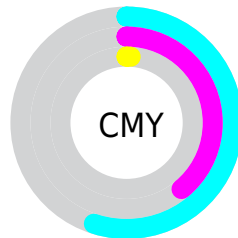


Cyan (55%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (39%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739CFD 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 739CFD by changing the saturation by 10% instead.



 739CFD

 739CFD

FFFFFF

 5482E0

 AED2FF

 3169C4

 CCEEFF

 0052A8

 EAFFFF

 003B8D

 002673

 00135A

 000742

 00032B

 000115

■ 739CFD

■ 739CFD

■ 5A8AFD

■ 8CAEFD

■ 4078FD

■ A6C0FD

■ 2767FD

■ BFD1FD

■ 0E55FD

■ D8E3FD

■ 004BFD

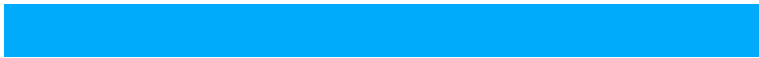
■ F2F5FD

FFFFFD

# Harmonies

## Analogous

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



00ABFC



739CFD



C088E5

# Triad

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



739CFD



EE815D



00B583

# Complementary

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



739CFD



FDD473

# 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.



6DAF56



739CFD



CF933E

# Square

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



739CFD



F97489



A4A33A



00B7B5

# Rectangle

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



739CFD



E07CCA



A4A33A



38B473



# Sweetspot

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



739CFD



D6E2FF



73FDD4



676E80



000000



808080



# Same Dimension

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



739CFD



598AFF



8F73FD



737780



0039BF



001340



# Inverse Universe

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



FD739C



FF598A



E1FD73



807377



BF0039

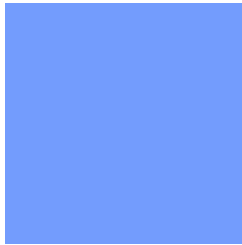


400013



# Previews

## White Background



This preview shows how the Hex color 739CFD looks on a white background.

## Color Contrast Check

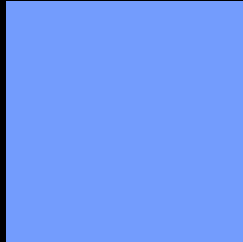
Large Text (above 18pt) WCAG AA × Fail

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 739CFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

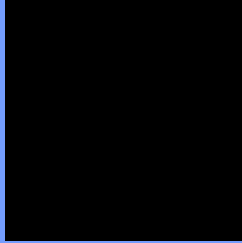
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

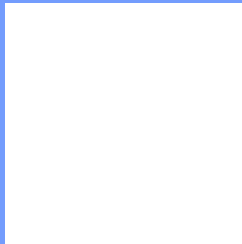
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 739CFD Background



This preview shows how black text looks on a background with the Hex color 739CFD.



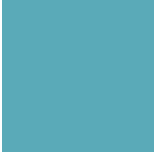
This preview shows how white text looks on a background with the Hex color 739CFD.

# 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](#).

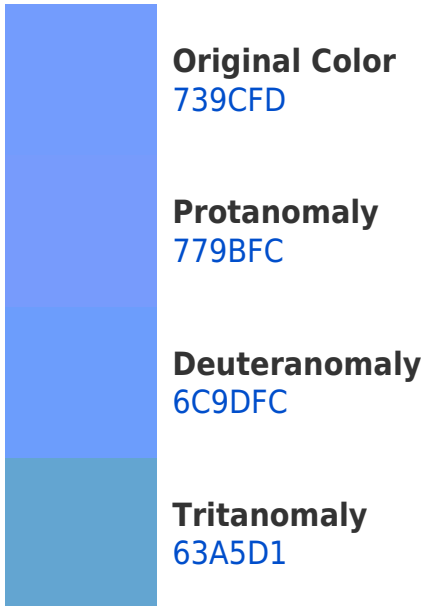
## Dichromacy



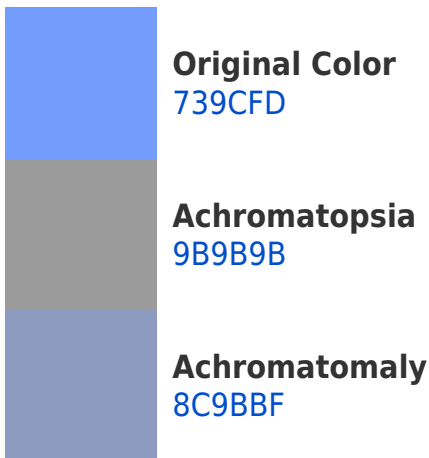


**Tritanopia**  
5AAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739CFD 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 #739CFD looks like.

```
.text, #text, p{  
    color:#739CFD  
}
```

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 #739CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739CFD
}
```

## Border

The CSS property to change the border of an element to Hex 739CFD 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
#739CFD }
```

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

```
.border{ border-color:#739CFD }
```

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

Here you see how a box with a 4 pixel #739CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739CFD; -webkit-box-shadow:4px 4px  
4px 4px #739CFD; box-shadow:4px 4px 4px  
4px #739CFD }
```

# Background

The CSS property to change the background color of an element to Hex 739CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739CFD }
```

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

```
.background{ background-color:#739CFD }
```

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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