

# Converting Colors

Hex(759AF9)

Have a look what the booklet for  
Hex(759AF9) contains.

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# **Color**

**Hex(759AF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759AF9
RGB	117, 154, 249
RGB Percent	46%, 60%, 98%
CMY	0.5412, 0.3961, 0.0235
CMYK	0.53, 0.38, 0.00, 0.02
HSL	223°, 92%, 72%
HSV	223°, 53%, 98%
XYZ	35.9906, 33.7327, 94.2367
YIQ	153.7670, -52.5470, 21.7010

# Conversions

## Conversions Part 2

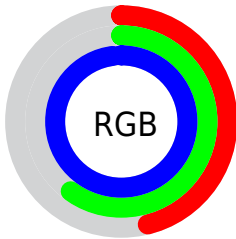
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 146, 249
Decimal	7707385
CIE Lab	64.75, 13.67, -51.37
CIE LCh	65, 53.162, 284.903
Yxy	33.7327, 0.2195, 0.2057
Android (android.graphics.Color)	4285897465 (0xFF759AF9)
YUV	153.7670, 46.9499, -32.2447
Hunter-Lab	58.0798, 8.9722, -55.5443

# Details

The Hex color **759AF9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F9D475**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B0D0FF**, and **3667C0** is the 20% darker color. If you saturate the color by 10%, you get **5C88F9**, and if you desaturate by 10%, it is **8EACF9**.

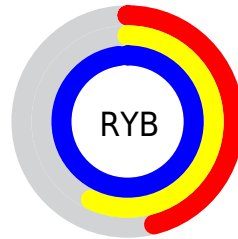
# Distribution



Red (46%)

Green (60%)

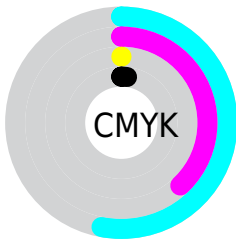
Blue (98%)



Red (46%)

Yellow (57%)

Blue (98%)

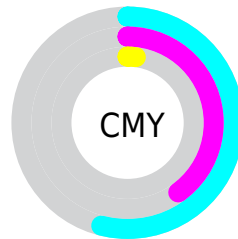


Cyan (53%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (40%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759AF9 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 759AF9 by changing the saturation by 10% instead.



 759AF9

 759AF9

FFFFFF

 5780DC

 B0D0FF

 3667C0

 CEECFF

 0050A4

 EBFFFF

 00398A

 002570

 001157

 00063F

 000328

 000111

 759AF9

 759AF9

 5C88F9


 8EACF9

 4376F9

 A7BEF9

 2A64F9

 C0D0F9

 1152F9

 D9E2F9

 0046F9

 F2F4F9

 FFFFF9

# Harmonies

## Analogous

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



00A9F8



759AF9



BF87E1

# Triad

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



759AF9



EA805C



00B383

# Complementary

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



759AF9



F9D475

# 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.



6BAD57



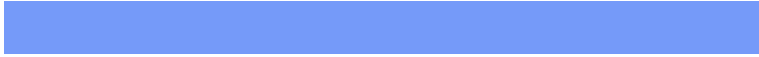
759AF9



CC923F

# Square

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



759AF9



F67487



A1A23C



00B5B4

# Rectangle

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



759AF9



DD7BC6



A1A23C



37B273



# Sweetspot

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



759AF9



D6E2FF



75F9D4



676E80



000000



808080



# Same Dimension

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



759AF9



5C8AFF



9275F9



70747D



0035BD



00113D



# Inverse Universe

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



F9759A



FF5C8A



DCF975



7D7074



BD0035

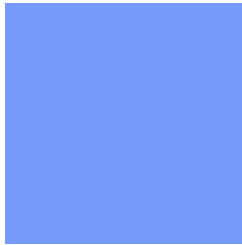


3D0011



# Previews

## White Background



This preview shows how the Hex color 759AF9 looks on a white background.

## Color Contrast Check

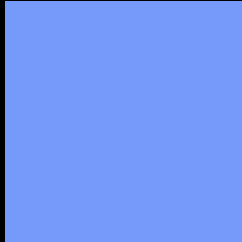
Large Text (above 18pt) WCAG AA × Fail

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 759AF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

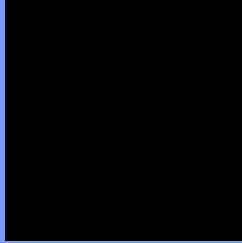
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

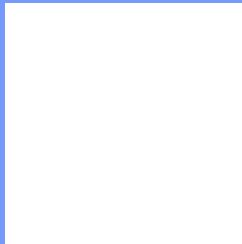
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 759AF9 Background



This preview shows how black text looks on a background with the Hex color 759AF9.



This preview shows how white text looks on a background with the Hex color 759AF9.

# 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](#).

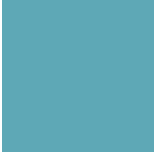
## Dichromacy



**Original Color**  
759AF9

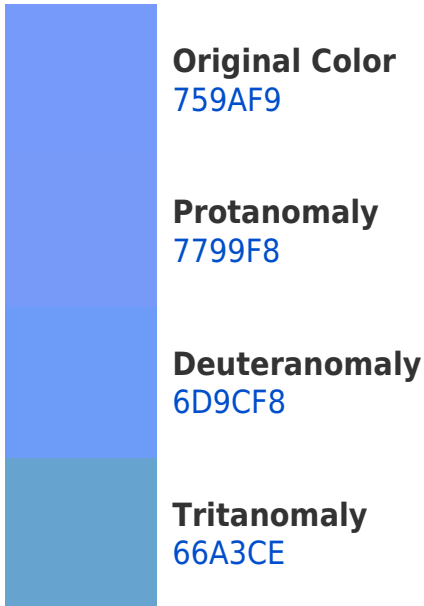
**Protanopia**  
7899F8

**Deuteranopia**  
699DF8

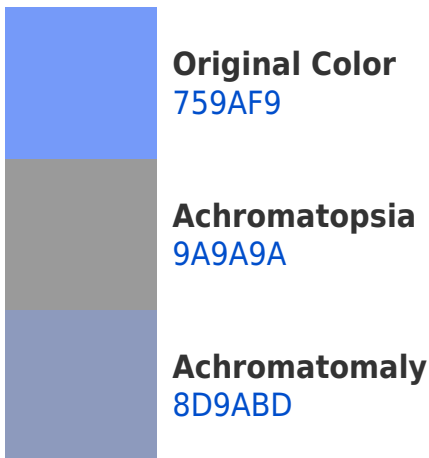


**Tritanopia**  
5EA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759AF9 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 #759AF9 looks like.

```
.text, #text, p{  
    color:#759AF9  
}
```

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 #759AF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759AF9
}
```

## Border

The CSS property to change the border of an element to Hex 759AF9 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
#759AF9 }
```

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

```
.border{ border-color:#759AF9 }
```

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

Here you see how a box with a 4 pixel #759AF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759AF9; -webkit-box-shadow:4px 4px  
4px 4px #759AF9; box-shadow:4px 4px 4px  
4px #759AF9 }
```

# Background

The CSS property to change the background color of an element to Hex 759AF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759AF9 }
```

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

```
.background{ background-color:#759AF9 }
```

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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