

# Converting Colors

Hex(6679F9)

Have a look what the booklet for  
Hex(6679F9) contains.

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# **Color**

**Hex(6679F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6679F9
RGB	102, 121, 249
RGB Percent	40%, 47%, 98%
CMY	0.6000, 0.5255, 0.0235
CMYK	0.59, 0.51, 0.00, 0.02
HSL	232°, 92%, 69%
HSV	232°, 59%, 98%
XYZ	29.4157, 23.3391, 92.5770
YIQ	129.9110, -52.4120, 35.7800

# Conversions

## Conversions Part 2

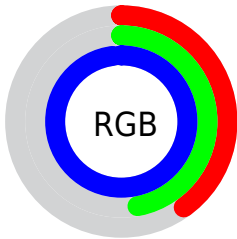
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 119, 249
Decimal	6715897
CIE Lab	55.42, 30.36, -66.33
CIE LCh	55, 72.953, 294.595
Yxy	23.3391, 0.2024, 0.1606
Android (android.graphics.Color)	4284905977 (0xFF6679F9)
YUV	129.9110, 58.7109, -24.4779
Hunter-Lab	48.3105, 24.1432, -79.7995

# Details

The Hex color **6679F9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F9E666**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A4ADFF**, and **1649C0** is the 20% darker color. If you saturate the color by 10%, you get **4D63F9**, and if you desaturate by 10%, it is **7F8FF9**.

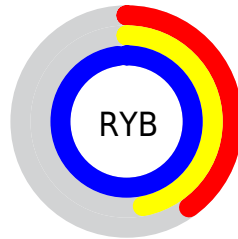
# Distribution



Red (40%)

Green (47%)

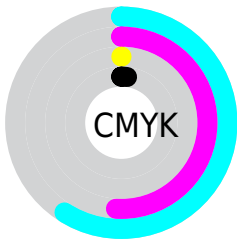
Blue (98%)



Red (40%)

Yellow (47%)

Blue (98%)

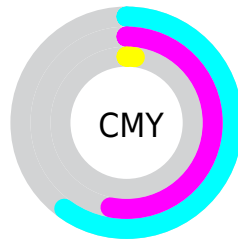


Cyan (59%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (53%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6679F9 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 6679F9 by changing the saturation by 10% instead.



 6679F9

 6679F9

FFFFFF

 4460DC

 A4ADFF

 1649C0

 C2C8FF

 0033A4

 E0E4FF


 001F89

 000D6F

 000455

 00063D

 000326

 00010F

■ 6679F9

■ 6679F9

■ 4D63F9

■ 7F8FF9

■ 344EF9

■ 98A4F9

■ 1B38F9

■ B1BAF9

■ 0222F9

■ CAD0F9

■ 0020F9

■ E3E5F9

■ FBFBF9

■ FFFFF9

# Harmonies

## Analogous

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



0090FF



6679F9



C558CF

# Triad

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



6679F9



D76215



00A077

# Complementary

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



6679F9



F9E666

# 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.



009B35



6679F9



AA7E00

# Square

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



6679F9



F14354



6E9100



00A1B8

# Rectangle

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



6679F9



E443A8



6E9100



009F61



# Sweetspot

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



6679F9



D1D7FF



66F9E5



636780



000000



808080



# Same Dimension

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



6679F9



4A61FF



9C66F9



70727D



0018BD



00083D



# Inverse Universe

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



F96679



FF4A61



C3F966



7D7072



BD0018

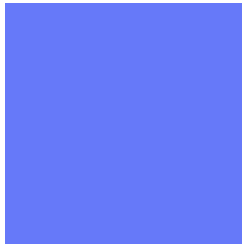


3D0008



# Previews

## White Background



This preview shows how the Hex color 6679F9 looks on a white background.

## Color Contrast Check

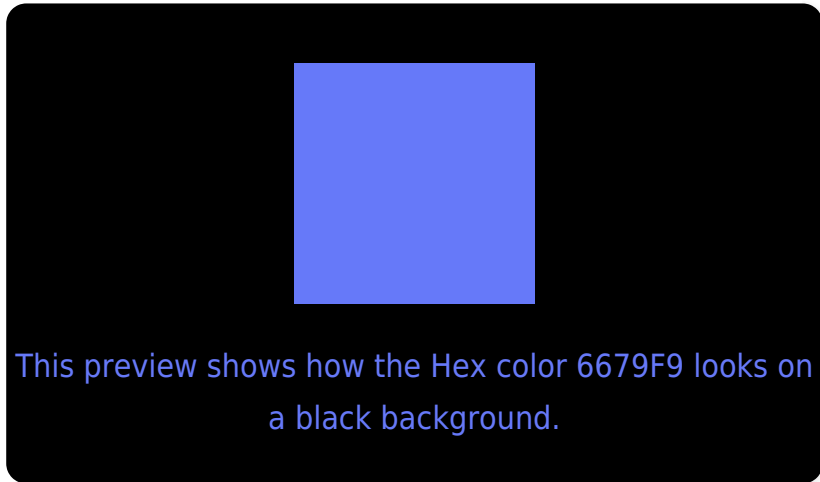
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

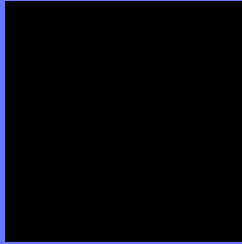
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6679F9 Background



This preview shows how black text looks on a background with the Hex color 6679F9.

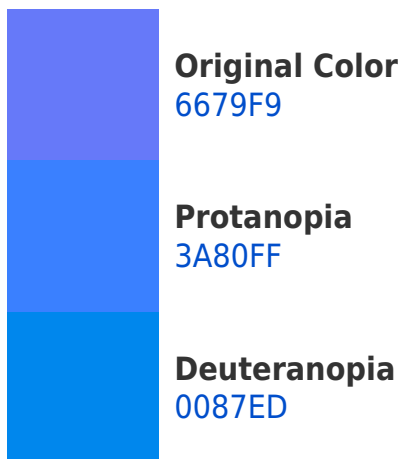


This preview shows how white text looks on a background with the Hex color 6679F9.

# 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](#).

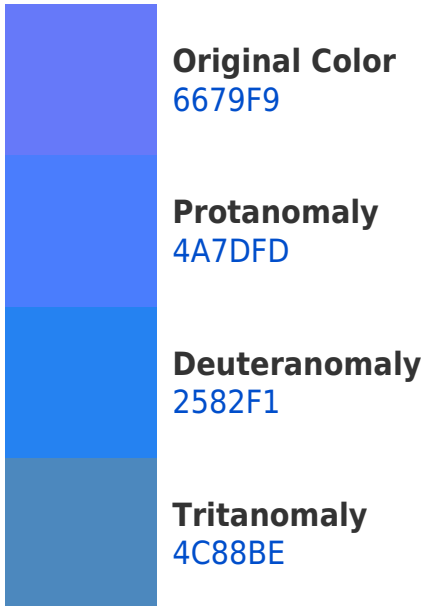
## Dichromacy



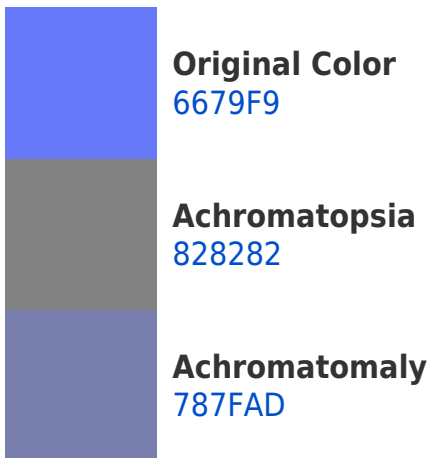


**Tritanopia**  
3D909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6679F9 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 #6679F9 looks like.

```
.text, #text, p{  
    color:#6679F9  
}
```

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 #6679F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6679F9
}
```

## Border

The CSS property to change the border of an element to Hex 6679F9 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
#6679F9 }
```

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

```
.border{ border-color:#6679F9 }
```

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

Here you see how a box with a 4 pixel #6679F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6679F9; -webkit-box-shadow:4px 4px  
4px 4px #6679F9; box-shadow:4px 4px 4px  
4px #6679F9 }
```

# Background

The CSS property to change the background color of an element to Hex 6679F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6679F9 }
```

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

```
.background{ background-color:#6679F9 }
```

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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