

# Converting Colors

Hex(6659FB)

Have a look what the booklet for  
Hex(6659FB) contains.

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# Color

**Hex(6659FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6659FB
RGB	102, 89, 251
RGB Percent	40%, 35%, 98%
CMY	0.6000, 0.6510, 0.0157
CMYK	0.59, 0.65, 0.00, 0.02
HSL	245°, 95%, 67%
HSV	245°, 65%, 98%
XYZ	26.4645, 16.9346, 93.1407
YIQ	111.3550, -44.2540, 53.1380

# Conversions

## Conversions Part 2

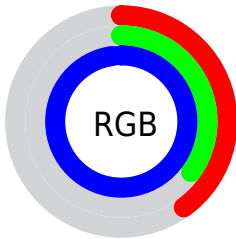
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 89, 251
Decimal	6707707
CIE <sub>Lab</sub>	48.18, 49.87, -79.20
CIE <sub>LCh</sub>	48, 93.596, 302.196
Yxy	16.9346, 0.1938, 0.1240
Android (android.graphics.Color)	4284897787 (0xFF6659FB)
YUV	111.3550, 68.8450, -8.2043
Hunter-Lab	41.1516, 42.7773, -105.3880

# Details

The Hex color **6659FB** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **EEFB59**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A58CFF**, and **0829C1** is the 20% darker color. If you saturate the color by 10%, you get **4F40FB**, and if you desaturate by 10%, it is **7D72FB**.

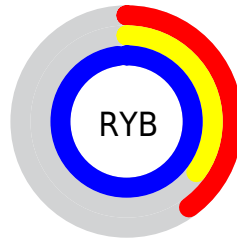
# Distribution



Red (40%)

Green (35%)

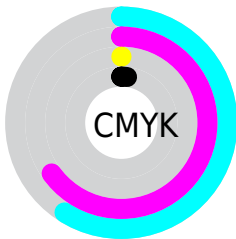
Blue (98%)



Red (40%)

Yellow (35%)

Blue (98%)

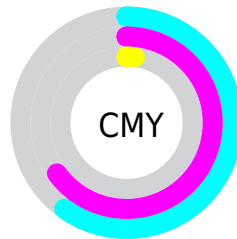


Cyan (59%)

Magenta (65%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (65%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6659FB 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 6659FB by changing the saturation by 10% instead.



■ 6659FB

■ 6659FB

FFFFFF

■ 4241DE

■ A58CFF

■ 0829C1

■ C4A7FF

■ 0013A5

■ E3C2FF

■ 00008A

■ FFDFFF

■ 000070

■ FFFBFF

■ 000C56

■ 00063E

■ 000327

■ 000110

■ 6659FB

■ 6659FB

■ 4F40FB

■ 7D72FB

■ 3827FB

■ 948BFB

■ 210EFB

■ ABA4FB

■ 1400FB

■ C2BDFB

■ D9D7FB

■ F1F0FB

■ FFFFFB

# Harmonies

## Analogous

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



007DFF



6659FB



D100BE

# Triad

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



6659FB



C44E00



009076

# Complementary

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



6659FB



EEFB59

# 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.



008D1C



6659FB



877200

# Square

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



6659FB



EB0023



2C8400



0091C6

# Rectangle

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



6659FB



EE008B



2C8400



00905A



# Sweetspot

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



6659FB



D2CFFF



59F0FB



656280



000000



808080



# Same Dimension

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



6659FB



4A3BFF



B559FB



71707D



0F00BD



05003D



# Inverse Universe

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



FB59EE



FF3BEF



9FFB59



7D707C



BD00AE

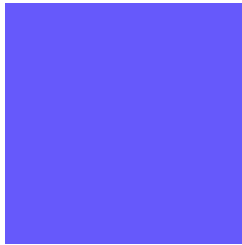


3D0038



# Previews

## White Background



This preview shows how the Hex color 6659FB looks on a white background.

## Color Contrast Check

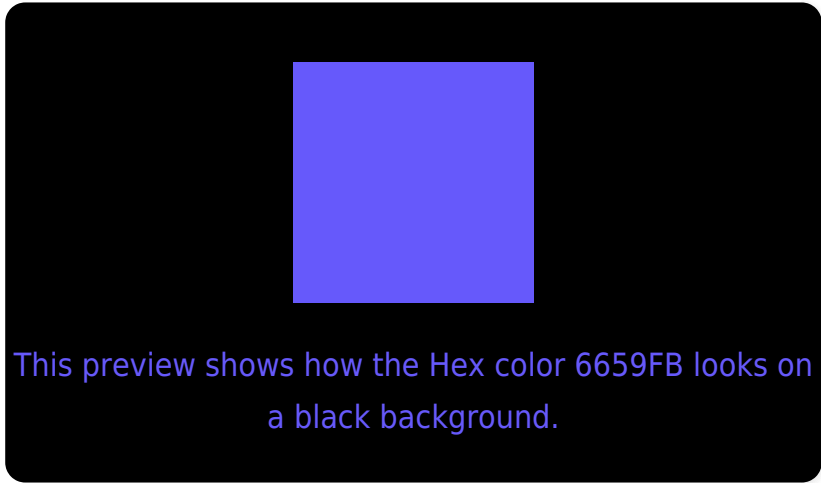
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

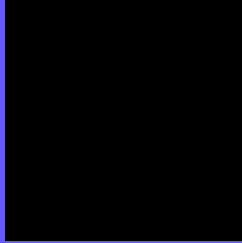
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6659FB Background



This preview shows how black text looks on a background with the Hex color 6659FB.

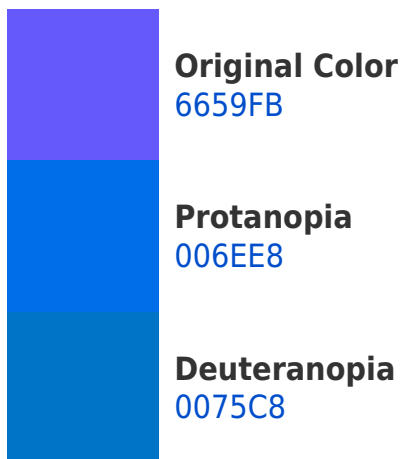



This preview shows how white text looks on a background with the Hex color 6659FB.

# 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](#).

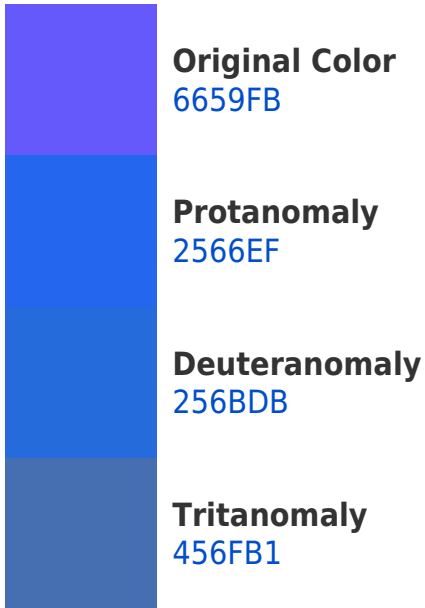
## Dichromacy



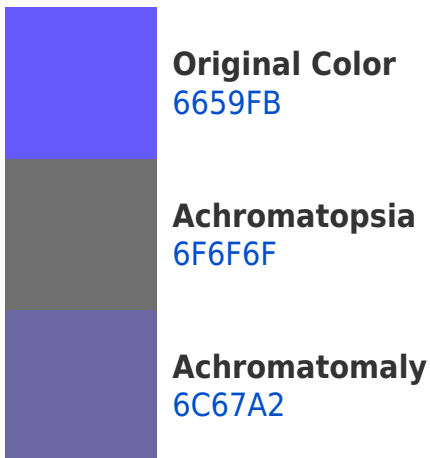


**Tritanopia**  
327C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6659FB 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 #6659FB looks like.

```
.text, #text, p{  
    color:#6659FB  
}
```

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 #6659FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6659FB
}
```

## Border

The CSS property to change the border of an element to Hex 6659FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

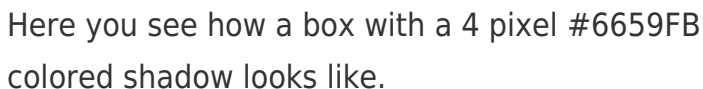
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6659FB }
```

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

```
.border{ border-color:#6659FB }
```

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



Here you see how a box with a 4 pixel #6659FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6659FB; -webkit-box-shadow:4px 4px  
4px 4px #6659FB; box-shadow:4px 4px 4px  
4px #6659FB }
```

# Background

The CSS property to change the background color of an element to Hex 6659FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6659FB }
```

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

```
.background{ background-color:#6659FB }
```

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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