

# Converting Colors

Hex(645DFA)

Have a look what the booklet for  
Hex(645DFA) contains.

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# Color

**Hex(645DFA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645DFA
RGB	100, 93, 250
RGB Percent	39%, 36%, 98%
CMY	0.6078, 0.6353, 0.0196
CMYK	0.60, 0.63, 0.00, 0.02
HSL	243°, 94%, 67%
HSV	243°, 63%, 98%
XYZ	26.4252, 17.4402, 92.4160
YIQ	112.9910, -46.2250, 50.3110

# Conversions

## Conversions Part 2

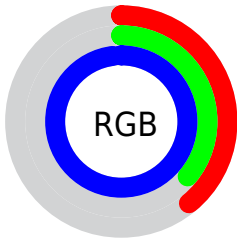
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	100, 93, 250
Decimal	6577658
CIE Lab	48.81, 46.98, -77.62
CIE LCh	49, 90.732, 301.185
Yxy	17.4402, 0.1939, 0.1280
Android (android.graphics.Color)	4284767738 (0xFF645DFA)
YUV	112.9910, 67.5454, -11.3931
Hunter-Lab	41.7614, 39.8663, -101.9729

# Details

The Hex color **645DFA** 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 **F3FA5D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A390FF**, and **012EC0** is the 20% darker color. If you saturate the color by 10%, you get **4C44FA**, and if you desaturate by 10%, it is **7C76FA**.

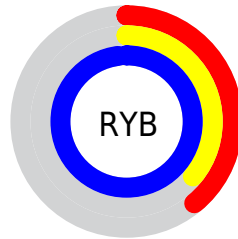
# Distribution



Red (39%)

Green (36%)

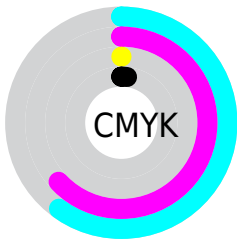
Blue (98%)



Red (39%)

Yellow (36%)

Blue (98%)

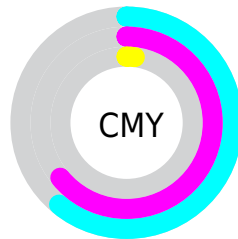


Cyan (60%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (64%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645DFA 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 645DFA by changing the saturation by 10% instead.



 645DFA

 645DFA

FFFFFF

 4045DD

 A390FF

 012EC0

 C2ABFF

 0018A4

 E1C6FF

 000489

 FFE3FF

 00006F

 000C55

 00063D

 000326

 00010F

■ 645DFA

■ 645DFA

■ 4C44FA

■ 7C76FA

■ 342BFA

■ 948FFA

■ 1C12FA

■ ACA8FA

■ 0B00FA

■ C4C1FA

■ DBDAFA

■ F3F3FA

■ FFFFA

# Harmonies

## Analogous

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



007EFF



645DFA



CE16C0

# Triad

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



645DFA



C54F00



009275

# Complementary

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



645DFA



F3FA5D

# 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.



008E1E



645DFA



8B7200

# Square

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



645DFA



EB002A



378500



0092C3

# Rectangle

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



645DFA



EC008E



378500



00915A



# Sweetspot

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



645DFA



D1CFFF



5DF5FA



636280



000000



808080



# Same Dimension

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



645DFA



4840FF



B15DFA



71707D



0800BD



03003D



# Inverse Universe

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



FA5DF3



FF40F6



A6FA5D



7D707C



BD00B4

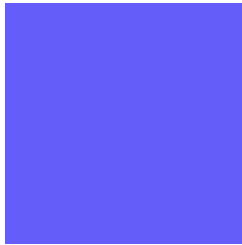


3D003A



# Previews

## White Background



This preview shows how the Hex color 645DFA looks on a white background.

## Color Contrast Check

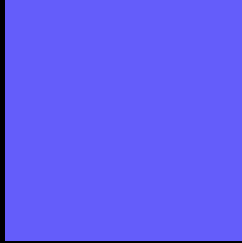
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 645DFA looks on a 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 645DFA Background



This preview shows how black text looks on a background with the Hex color 645DFA.

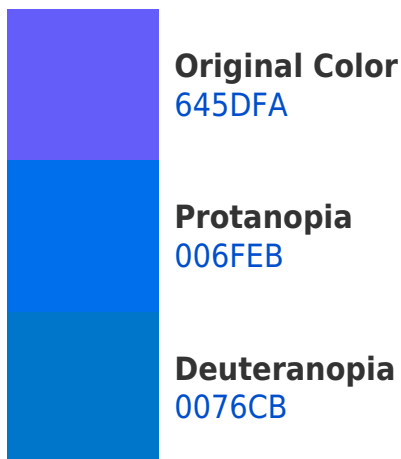


This preview shows how white text looks on a background with the Hex color 645DFA.

# 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](#).

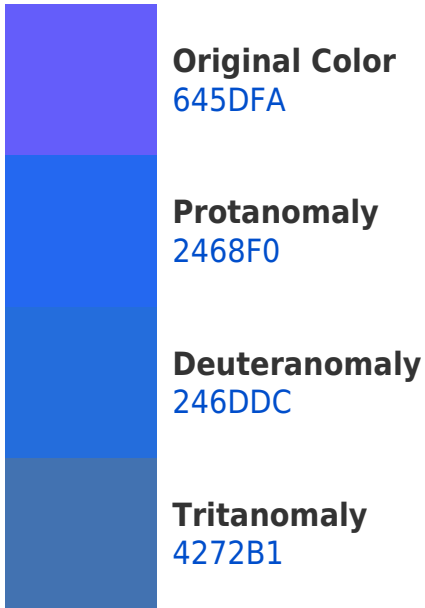
## Dichromacy



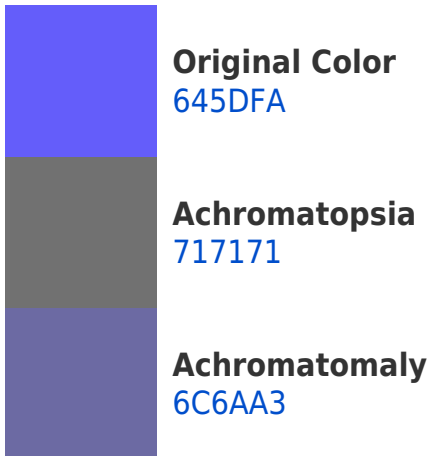


**Tritanopia**  
2F7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645DFA 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 #645DFA looks like.

```
.text, #text, p{  
    color:#645DFA  
}
```

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 #645DFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645DFA
}
```

## Border

The CSS property to change the border of an element to Hex 645DFA 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
#645DFA }
```

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

```
.border{ border-color:#645DFA }
```

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

Here you see how a box with a 4 pixel #645DFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645DFA; -webkit-box-shadow:4px 4px  
4px 4px #645DFA; box-shadow:4px 4px 4px  
4px #645DFA }
```

# Background

The CSS property to change the background color of an element to Hex 645DFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645DFA }
```

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

```
.background{ background-color:#645DFA }
```

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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