

# Converting Colors

Hex(6452F9)

Have a look what the booklet for  
Hex(6452F9) contains.

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# Color

**Hex(6452F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6452F9
RGB	100, 82, 249
RGB Percent	39%, 32%, 98%
CMY	0.6078, 0.6784, 0.0235
CMYK	0.60, 0.67, 0.00, 0.02
HSL	246°, 93%, 65%
HSV	246°, 67%, 98%
XYZ	25.3717, 15.5835, 91.2932
YIQ	106.4200, -42.8790, 55.7530

# Conversions

## Conversions Part 2

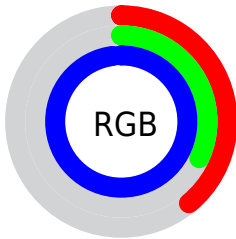
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 82, 249
Decimal	6574841
CIE <sub>Lab</sub>	46.42, 52.87, -80.97
CIE <sub>LCh</sub>	46, 96.701, 303.146
Yxy	15.5835, 0.1918, 0.1178
Android (android.graphics.Color)	4284764921 (0xFF6452F9)
YUV	106.4200, 70.2919, -5.6303
Hunter-Lab	39.4759, 45.6416, -109.4828

# Details

The Hex color **6452F9** 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 **E7F952**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A485FF**, and **0022BF** is the 20% darker color. If you saturate the color by 10%, you get **4E39F9**, and if you desaturate by 10%, it is **7A6BF9**.

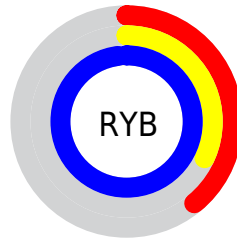
# Distribution



Red (39%)

Green (32%)

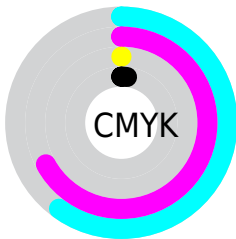
Blue (98%)



Red (39%)

Yellow (32%)

Blue (98%)

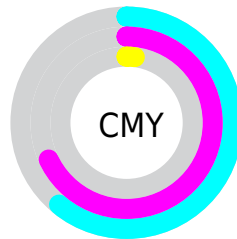


Cyan (60%)

Magenta (67%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (68%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6452F9 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 6452F9 by changing the saturation by 10% instead.



 6452F9

 6452F9

FFFFFF

 403ADC

 A485FF

 0022BF

 C3A0FF

 0009A3

 E2BBFF

 000088

 FFD7FF

 00006E

 FFF4FF

 000B54

 00063C

 000225

 00010E

■ 6452F9

■ 6452F9

■ 4E39F9

■ 7A6BF9

■ 3820F9

■ 9084F9

■ 2107F9

■ A79DF9

■ 1B00F9

■ BDB6F9

■ D3CFF9

■ E9E7F9

■ FFFF9

# Harmonies

## Analogous

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



0078FF



6452F9



D000B9

# Triad

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



6452F9



BE4900



008C75

# Complementary

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



6452F9



E7F952

# 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.



008917



6452F9



7F6E00

# Square

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



6452F9



E80019



198100



008DC6

# Rectangle

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



6452F9



ED0084



198100



008B58



# Sweetspot

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



6452F9



D1CCFF



52E8F9



646180



000000



808080



# Same Dimension

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



6452F9



4933FF



B652F9



72707D



1400BD



07003D



# Inverse Universe

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



F952E7



FF33E9



95F952



7D707C



BD00A8

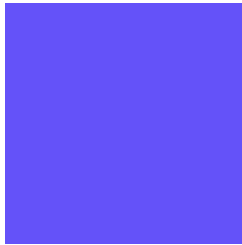


3D0037



# Previews

## White Background



This preview shows how the Hex color 6452F9 looks on a white background.

## Color Contrast Check

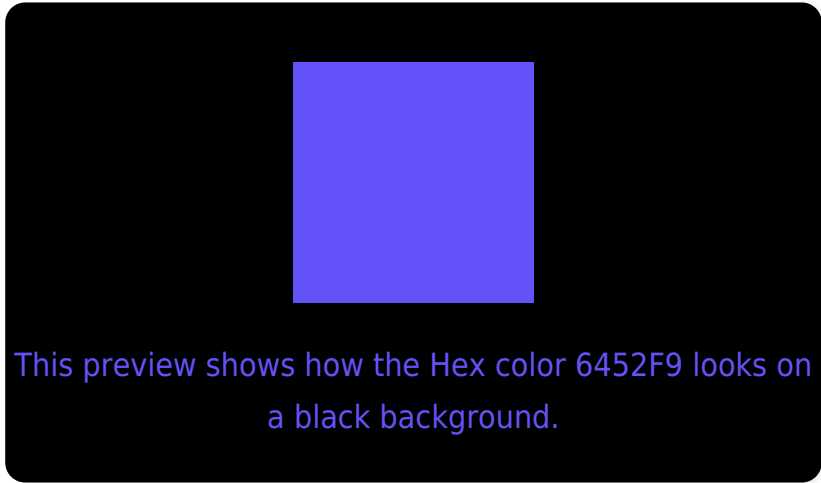
Large Text (above 18pt) WCAG AA ✓ Pass

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 6452F9 Background



This preview shows how black text looks on a background with the Hex color 6452F9.

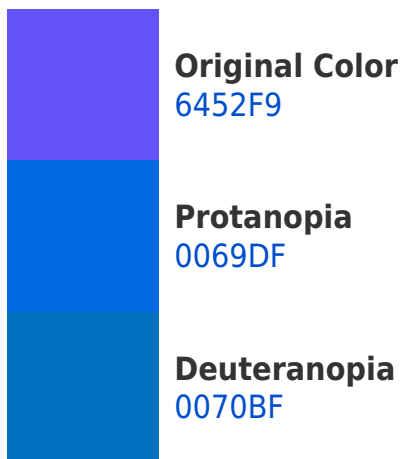


This preview shows how white text looks on a background with the Hex color 6452F9.

# 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](#).

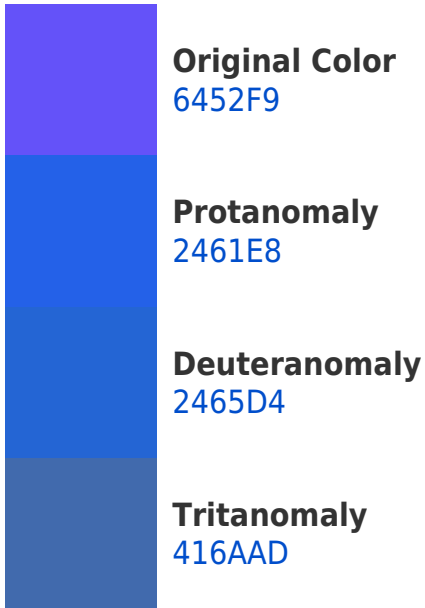
## Dichromacy





**Tritanopia**  
2D7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6452F9 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 #6452F9 looks like.

```
.text, #text, p{  
    color:#6452F9  
}
```

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 #6452F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6452F9
}
```

## Border

The CSS property to change the border of an element to Hex 6452F9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

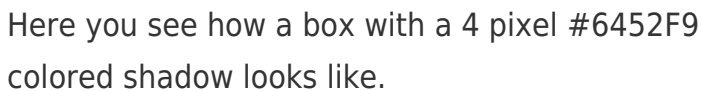
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6452F9 }
```

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

```
.border{ border-color:#6452F9 }
```

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



Here you see how a box with a 4 pixel #6452F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6452F9; -webkit-box-shadow:4px 4px  
4px 4px #6452F9; box-shadow:4px 4px 4px  
4px #6452F9 }
```

# Background

The CSS property to change the background color of an element to Hex 6452F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6452F9 }
```

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

```
.background{ background-color:#6452F9 }
```

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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