

# Converting Colors

Hex(6464F0)

Have a look what the booklet for  
Hex(6464F0) contains.

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# **Color**

**Hex(6464F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6464F0
RGB	100, 100, 240
RGB Percent	39%, 39%, 94%
CMY	0.6078, 0.6078, 0.0588
CMYK	0.58, 0.58, 0.00, 0.06
HSL	240°, 82%, 67%
HSV	240°, 58%, 94%
XYZ	25.5409, 18.1149, 84.5885
YIQ	115.9600, -44.9400, 43.5400

# Conversions

## Conversions Part 2

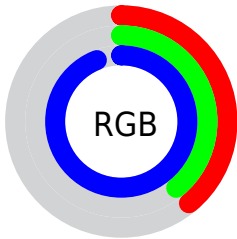
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 100, 240
Decimal	6579440
CIE <sub>Lab</sub>	49.64, 39.74, -70.69
CIE <sub>LCh</sub>	50, 81.098, 299.344
Yxy	18.1149, 0.1992, 0.1413
Android (android.graphics.Color)	4284769520 (0xFF6464F0)
YUV	115.9600, 61.1517, -13.9969
Hunter-Lab	42.5616, 32.6334, -88.0418

# Details

The Hex color **6464F0** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F0F064**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A297FF**, and **1235B7** is the 20% darker color. If you saturate the color by 10%, you get **4C4CF0**, and if you desaturate by 10%, it is **7C7CF0**.

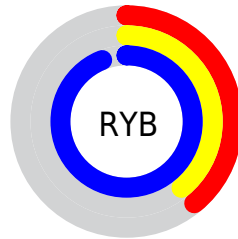
# Distribution



Red (39%)

Green (39%)

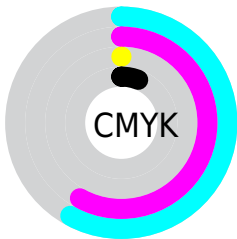
Blue (94%)



Red (39%)

Yellow (39%)

Blue (94%)

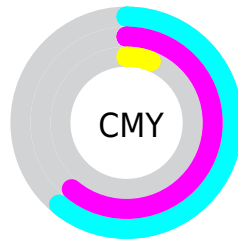


Cyan (58%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (61%)

Magenta (61%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6464F0 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 6464F0 by changing the saturation by 10% instead.



 6464F0

 6464F0

FFFFFF

 424CD3

 A297FF

 1235B7

 C0B2FF

 00209B

 DECEFF

 000C80

 FDEAFF

 000067

 000A4D

 000536

 00021F

 000003

 6464F0

 6464F0

 4C4CF0

 7C7CF0

 3434F0

 9494F0

 1C1CF0

 ACACF0

 0404F0

 C4C4F0

 0000F0

 DCDCF0

 F4F4F0

 FFFFF0

# Harmonies

## Analogous

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



0080FF



6464F0



C436BE

# Triad

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



6464F0



C55400



009273

# Complementary

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



6464F0



F0F064

# 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.



008E27



6464F0



917300

# Square

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



6464F0



E52237



4B8500



0092B8

# Rectangle

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



6464F0



E10192



4B8500



00915A



# Sweetspot

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



6464F0



D1D1FF



64F0F0



636380



000000



808080



# Same Dimension

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



6464F0



4D4DFF



AA64F0



6C6C78



0000B8



000038



# Inverse Universe

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



F064F0



FF4DFF



AAF064



786C78



B800B8

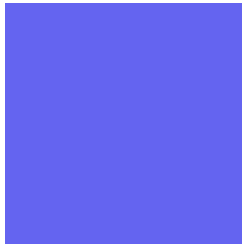


380038



# Previews

## White Background



This preview shows how the Hex color 6464F0 looks on a white background.

## Color Contrast Check

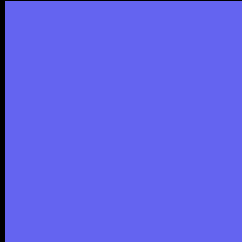
Large Text (above 18pt) WCAG AA ✓ Pass

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 6464F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

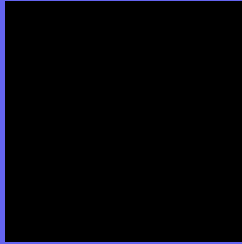
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6464F0 Background



This preview shows how black text looks on a background with the Hex color 6464F0.



This preview shows how white text looks on a background with the Hex color 6464F0.

# 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](#).

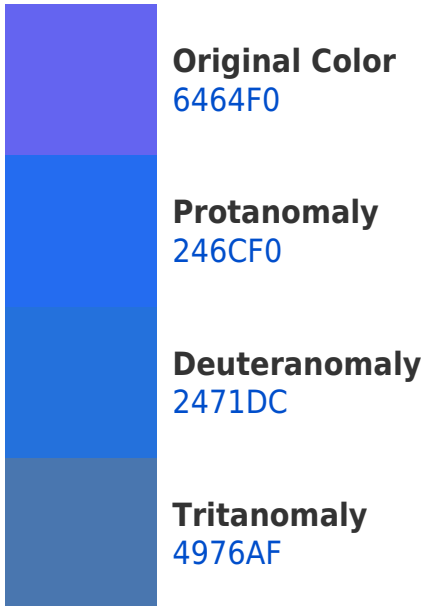
## Dichromacy





**Tritanopia**  
39808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6464F0 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 #6464F0 looks like.

```
.text, #text, p{  
    color:#6464F0  
}
```

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 #6464F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6464F0
}
```

## Border

The CSS property to change the border of an element to Hex 6464F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

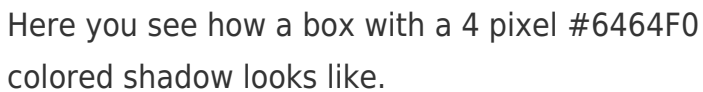
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6464F0 }
```

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

```
.border{ border-color:#6464F0 }
```

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



Here you see how a box with a 4 pixel #6464F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6464F0; -webkit-box-shadow:4px 4px  
4px 4px #6464F0; box-shadow:4px 4px 4px  
4px #6464F0 }
```

# Background

The CSS property to change the background color of an element to Hex 6464F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6464F0 }
```

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

```
.background{ background-color:#6464F0 }
```

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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