

# Converting Colors

Hex(6B4FF5)

Have a look what the booklet for  
Hex(6B4FF5) contains.

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# Color

**Hex(6B4FF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B4FF5
RGB	107, 79, 245
RGB Percent	42%, 31%, 96%
CMY	0.5804, 0.6902, 0.0392
CMYK	0.56, 0.68, 0.00, 0.04
HSL	250°, 89%, 64%
HSV	250°, 68%, 96%
XYZ	25.3408, 15.3103, 88.0058
YIQ	106.2960, -36.5980, 57.5620

# Conversions

## Conversions Part 2

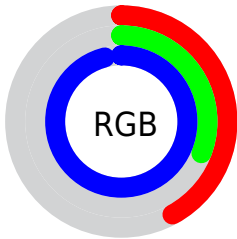
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 79, 245
Decimal	7032821
CIE <sub>Lab</sub>	46.06, 54.32, -79.31
CIE <sub>LCh</sub>	46, 96.128, 304.411
Yxy	15.3103, 0.1970, 0.1190
Android (android.graphics.Color)	4285222901 (0xFF6B4FF5)
YUV	106.2960, 68.3811, 0.6174
Hunter-Lab	39.1284, 47.1276, -105.9623

# Details

The Hex color **6B4FF5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed purple. A complement of this color would be **D9F54F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A982FF**, and **1C1EBB** is the 20% darker color. If you saturate the color by 10%, you get **5737F5**, and if you desaturate by 10%, it is **7F67F5**.

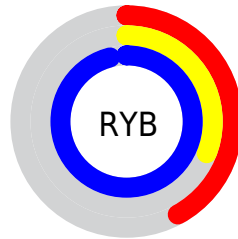
# Distribution



Red (42%)

Green (31%)

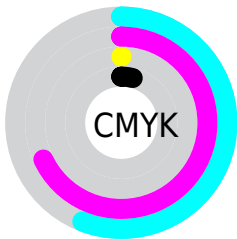
Blue (96%)



Red (42%)

Yellow (31%)

Blue (96%)

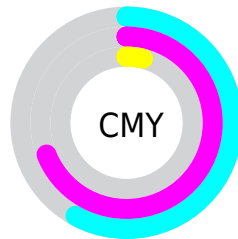


Cyan (56%)

Magenta (68%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (69%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4FF5 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 6B4FF5 by changing the saturation by 10% instead.



6B4FF5

6B4FF5

FFFFFF

4936D8

A982FF

1C1EBB

C89DFF

0003A0

E7B8FF

000084

FFD5FF

00006A

FFF1FF

000B51

000539

000222

000009

 6B4FF5

 6B4FF5

 5737F5

 7F67F5

 421EF5

 9480F5

 2E06F5

 A899F5

 2900F5

 BCB1F5

 D1CAF5

 E5E2F5

 FAFBF5

 FFFFF5

# Harmonies

## Analogous

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



0076FF



6B4FF5



D100B4

# Triad

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



6B4FF5



BA4B00



008B78

# Complementary

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



6B4FF5



D9F54F

# 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.



00881C



6B4FF5



7B6F00

# Square

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



6B4FF5



E50015



0B8000



008CC8

# Rectangle

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



6B4FF5



EC0080



0B8000



008A5B



# Sweetspot

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



6B4FF5



D5CCFF



4FD9F5



666180



000000



808080



# Same Dimension

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



6B4FF5



5330FF



BE4FF5



706E7A



1F00BA



0A003B



# Inverse Universe

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



F54FD9



FF30DC



86F54F



7A6E78



BA009B

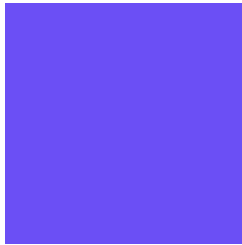


3B0031



# Previews

## White Background



This preview shows how the Hex color 6B4FF5 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

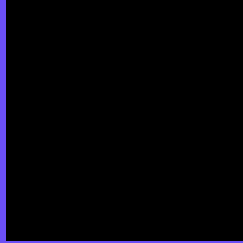
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B4FF5 Background



This preview shows how black text looks on a background with the Hex color 6B4FF5.

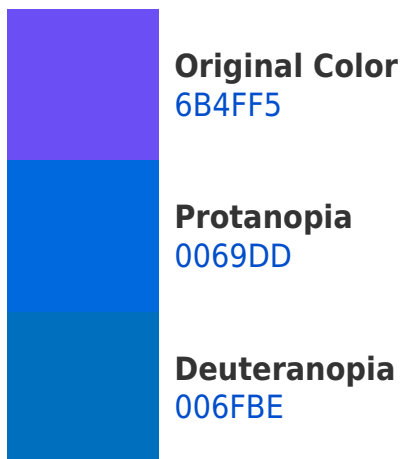


This preview shows how white text looks on a background with the Hex color 6B4FF5.

# 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](#).

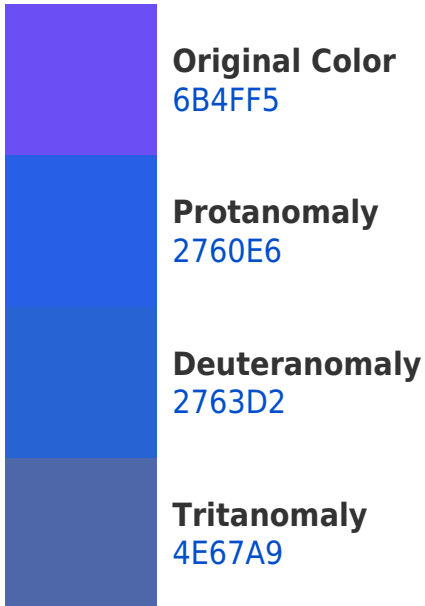
## Dichromacy





**Tritanopia**  
3E757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4FF5 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 #6B4FF5 looks like.

```
.text, #text, p{  
    color:#6B4FF5  
}
```

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 #6B4FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4FF5
}
```

## Border

The CSS property to change the border of an element to Hex 6B4FF5 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
#6B4FF5 }
```

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

```
.border{ border-color:#6B4FF5 }
```

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

Here you see how a box with a 4 pixel #6B4FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4FF5; -webkit-box-shadow:4px 4px  
4px 4px #6B4FF5; box-shadow:4px 4px 4px  
4px #6B4FF5 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4FF5 }
```

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

```
.background{ background-color:#6B4FF5 }
```

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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