

# Converting Colors

Hex(6B3FFF)

Have a look what the booklet for  
Hex(6B3FFF) contains.

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# Color

**Hex(6B3FFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3FFF
RGB	107, 63, 255
RGB Percent	42%, 25%, 100%
CMY	0.5804, 0.7529, 0.0000
CMYK	0.58, 0.75, 0.00, 0.00
HSL	254°, 100%, 62%
HSV	254°, 75%, 100%
XYZ	25.8909, 13.9008, 95.9263
YIQ	98.0440, -35.4080, 69.0400

# Conversions

## Conversions Part 2

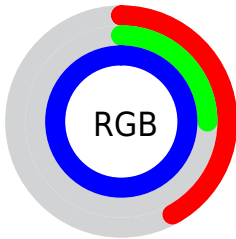
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 63, 255
Decimal	7028735
CIE <sub>Lab</sub>	44.09, 65.11, -88.13
CIE <sub>LCh</sub>	44, 109.569, 306.458
Yxy	13.9008, 0.1908, 0.1024
Android (android.graphics.Color)	4285218815 (0xFF6B3FFF)
YUV	98.0440, 77.3793, 7.8544
Hunter-Lab	37.2838, 58.7088, -126.4467

# Details

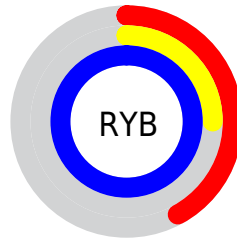
The Hex color **6B3FFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D3FF3F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AC74FF**, and **0E01C5** is the 20% darker color. If you saturate the color by 10%, you get **5725FF**, and if you desaturate by 10%, it is **7F59FF**.

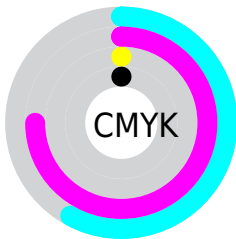
# Distribution



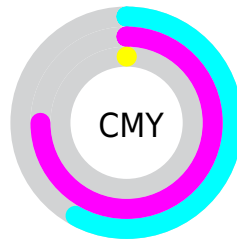
- Red (42%)
- Green (25%)
- Blue (100%)



- Red (42%)
- Yellow (25%)
- Blue (100%)



- Cyan (58%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (75%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3FFF 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 6B3FFF by changing the saturation by 10% instead.



 6B3FFF

 6B3FFF

FFFFFF

 4724E2

 AC74FF

 0E01C5

 CB8FFF

 0000A9

 EAAAFF

 00008D

 FFC6FF

 000072

 FFE3FF

 000D59

 000740

 000329

 000113

■ 6B3FFF

■ 6B3FFF

■ 5725FF

■ 7F59FF

■ 440CFF

■ 9272FF

■ 3A00FF

■ A68CFF

■ BAA5FF

■ CDBFFF

■ E1D8FF

■ F5F2FF

FFFFFF

# Harmonies

## Analogous

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



0072FF



6B3FFF



DC00B3

# Triad

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



6B3FFF



B64300



00887B

# Complementary

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



6B3FFF



D3FF3F

# 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.



00840D



6B3FFF



6E6C00

# Square

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



6B3FFF



E90000



007E00



0089D5

# Rectangle

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



6B3FFF



F70078



007E00



00875B



# Sweetspot

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



6B3FFF



D2C4FF



3FD5FF



645C80



000000



808080



# Same Dimension

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



6B3FFF



4E19FF



C93FFF



767380



2C00BF



0F0040



# Inverse Universe

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



FF3FD3



FF19CA



75FF3F



80737D



BF0093

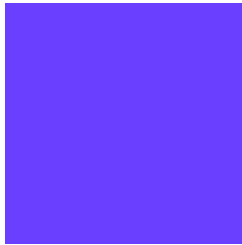


400031



# Previews

## White Background



This preview shows how the Hex color 6B3FFF looks on a white background.

## Color Contrast Check

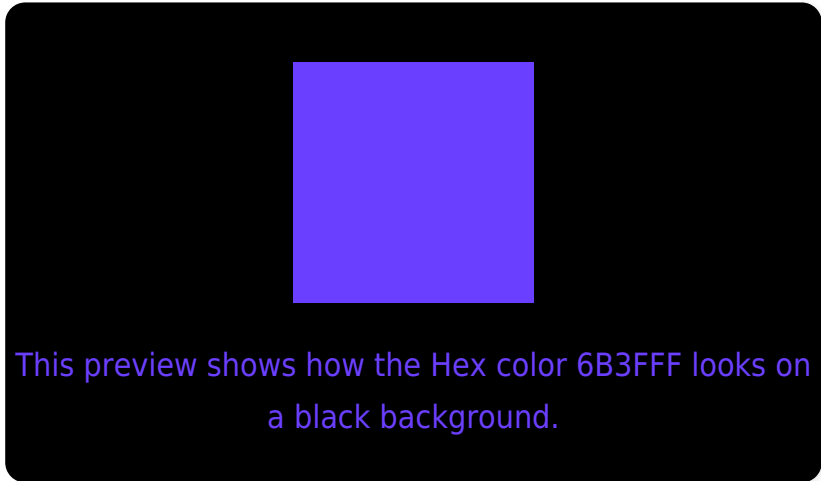
Large Text (above 18pt) WCAG AA ✓ Pass

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

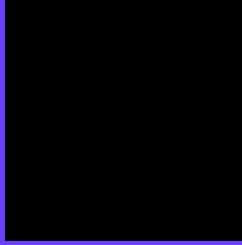
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3FFF Background



This preview shows how black text looks on a background with the Hex color 6B3FFF.

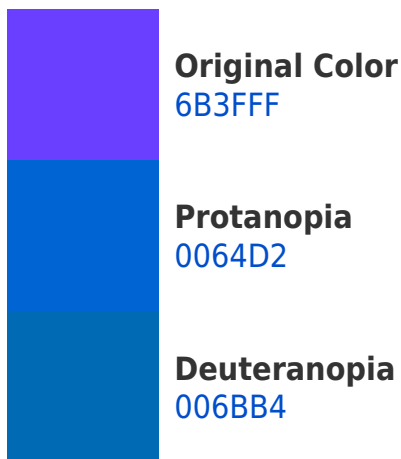


This preview shows how white text looks on a background with the Hex color 6B3FFF.

# 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](#).

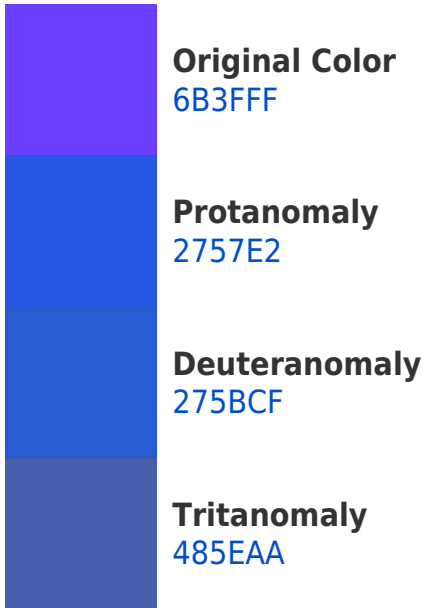
## Dichromacy





**Tritanopia**  
347079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3FFF 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 #6B3FFF looks like.

```
.text, #text, p{  
    color:#6B3FFF  
}
```

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 #6B3FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3FFF
}
```

## Border

The CSS property to change the border of an element to Hex 6B3FFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

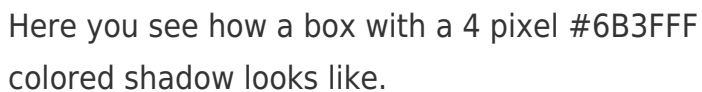
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3FFF }
```

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

```
.border{ border-color:#6B3FFF }
```

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



Here you see how a box with a 4 pixel #6B3FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3FFF; -webkit-box-shadow:4px 4px  
4px 4px #6B3FFF; box-shadow:4px 4px 4px  
4px #6B3FFF }
```

# Background

The CSS property to change the background color of an element to Hex 6B3FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3FFF }
```

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

```
.background{ background-color:#6B3FFF }
```

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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