

# Converting Colors

Hex(6E3FFB)

Have a look what the booklet for  
Hex(6E3FFB) contains.

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# Color

**Hex(6E3FFB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E3FFB
RGB	110, 63, 251
RGB Percent	43%, 25%, 98%
CMY	0.5686, 0.7529, 0.0157
CMYK	0.56, 0.75, 0.00, 0.02
HSL	255°, 96%, 62%
HSV	255°, 75%, 98%
XYZ	25.6205, 13.8350, 92.5869
YIQ	98.4850, -32.3360, 68.4320

# Conversions

## Conversions Part 2

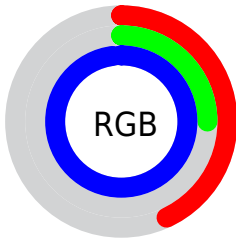
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 63, 251
Decimal	7225339
CIE <sub>Lab</sub>	44.00, 64.39, -86.04
CIE <sub>LCh</sub>	44, 107.463, 306.810
Yxy	13.8350, 0.1940, 0.1048
Android (android.graphics.Color)	4285415419 (0xFF6E3FFB)
YUV	98.4850, 75.1899, 10.0987
Hunter-Lab	37.1955, 57.8599, -121.5476

# Details

The Hex color **6E3FFB** 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 **CCFB3F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AE74FF**, and **1C00C1** is the 20% darker color. If you saturate the color by 10%, you get **5B26FB**, and if you desaturate by 10%, it is **8158FB**.

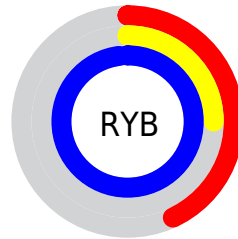
# Distribution



Red (43%)

Green (25%)

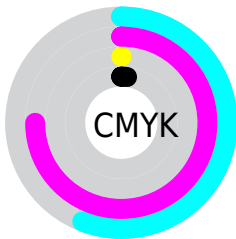
Blue (98%)



Red (43%)

Yellow (25%)

Blue (98%)

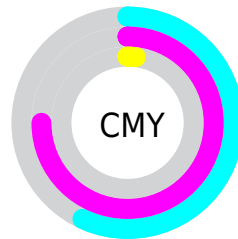


Cyan (56%)

Magenta (75%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (75%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3FFB 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 6E3FFB by changing the saturation by 10% instead.



 6E3FFB

 6E3FFB

FFFFFF

 4B24DE

 AE74FF

 1C00C1

 CD8FFF

 0000A5

 ECAAFF

 00008A

 FFC6FF

 00006F

 FFE3FF

 000C55

 00063D

 000326

 00010F

■ 6E3FFB

■ 6E3FFB

■ 5B26FB

■ 8158FB

■ 480DFB

■ 9471FB

■ 3F00FB

■ A68AFB

■ B9A3FB

■ CCBCFB

■ DFD6FB

■ F2EFFB

■ FFFFFB

# Harmonies

## Analogous

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



0071FF



6E3FFB



DA00B0

# Triad

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



6E3FFB



B44500



00877B

# Complementary

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



6E3FFB



CCFB3F

# 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.



008413



6E3FFB



6D6C00

# Square

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



6E3FFB



E60000



007D00



0089D3

# Rectangle

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



6E3FFB



F40076



007D00



00865C



# Sweetspot

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



6E3FFB



D5C7FF



3FCCFB



675E80



000000



808080



# Same Dimension

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



6E3FFB



5319FF



CC3FFB



74707D



2F00BD



0F003D



# Inverse Universe

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



FB3FCC



FF19C6



6EFB3F



7D707A



BD008E

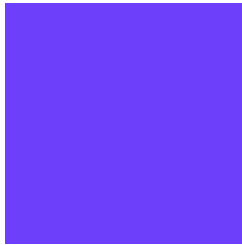


3D002E



# Previews

## White Background



This preview shows how the Hex color 6E3FFB looks on a white background.

## Color Contrast Check

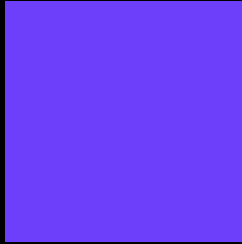
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E3FFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

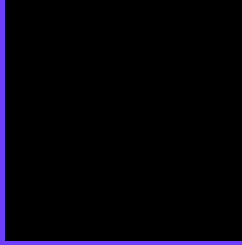
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3FFB Background



This preview shows how black text looks on a background with the Hex color 6E3FFB.

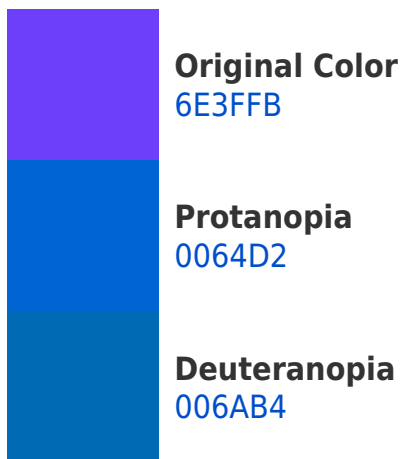


This preview shows how white text looks on a background with the Hex color 6E3FFB.

# 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](#).

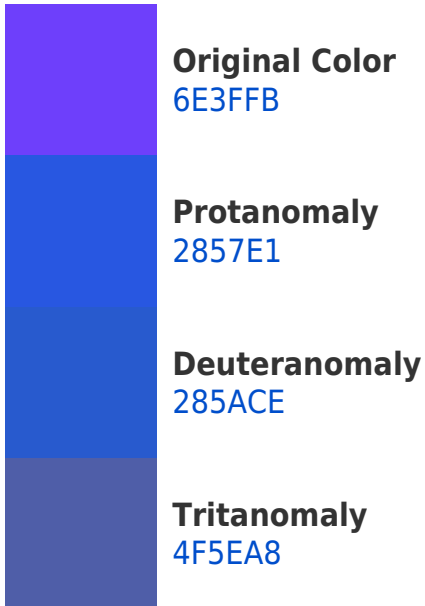
## Dichromacy





**Tritanopia**  
3D6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3FFB 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 #6E3FFB looks like.

```
.text, #text, p{  
    color:#6E3FFB  
}
```

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 #6E3FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3FFB
}
```

## Border

The CSS property to change the border of an element to Hex 6E3FFB is called "border". The border property can be set on classes, ids or directly on the HTML element.

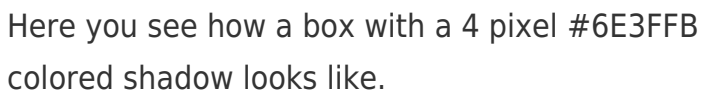
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3FFB }
```

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

```
.border{ border-color:#6E3FFB }
```

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



Here you see how a box with a 4 pixel #6E3FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3FFB; -webkit-box-shadow:4px 4px  
4px 4px #6E3FFB; box-shadow:4px 4px 4px  
4px #6E3FFB }
```

# Background

The CSS property to change the background color of an element to Hex 6E3FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3FFB }
```

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

```
.background{ background-color:#6E3FFB }
```

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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