

# Converting Colors

Hex(6B5EDF)

Have a look what the booklet for  
Hex(6B5EDF) contains.

<b>Hex(6B5EDF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6B5EDF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5EDF
RGB	107, 94, 223
RGB Percent	42%, 37%, 87%
CMY	0.5804, 0.6314, 0.1255
CMYK	0.52, 0.58, 0.00, 0.13
HSL	246°, 67%, 62%
HSV	246°, 58%, 87%
XYZ	23.3854, 16.4589, 71.7564
YIQ	112.5930, -33.6610, 42.8750

# Conversions

## Conversions Part 2

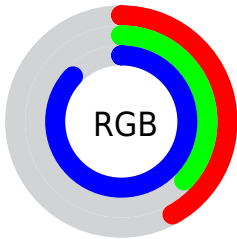
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 94, 223
Decimal	7036639
CIE <sub>Lab</sub>	47.57, 39.30, -64.44
CIE <sub>LCh</sub>	48, 75.477, 301.375
Yxy	16.4589, 0.2095, 0.1475
Android (android.graphics.Color)	4285226719 (0xFF6B5EDF)
YUV	112.5930, 54.4307, -4.9051
Hunter-Lab	40.5696, 31.8953, -76.4689

# Details

The Hex color **6B5EDF** 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 **D2DF5E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A691FF**, and **2A2FA7** is the 20% darker color. If you saturate the color by 10%, you get **5748DF**, and if you desaturate by 10%, it is **7F74DF**.

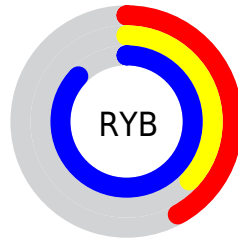
# Distribution



Red (42%)

Green (37%)

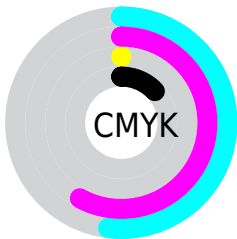
Blue (87%)



Red (42%)

Yellow (37%)

Blue (87%)

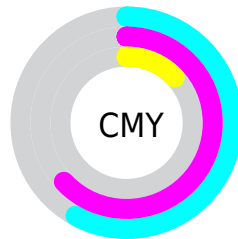


Cyan (52%)

Magenta (58%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (63%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5EDF 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 6B5EDF by changing the saturation by 10% instead.



 6B5EDF

 6B5EDF

FFFFFF

 4C46C3

 A691FF

 2A2FA7

 C4ACFF

 00198C

 E1C7FF

 000671

 FFE3FF

 000058

 000740

 000329

 000113

 000000

■ 6B5EDF

■ 6B5EDF

■ 5748DF

■ 7F74DF

■ 4331DF

■ 938BDF

■ 2F1BDF

■ A7A1DF

■ 1B05DF

■ BBB7DF

■ 1600DF

■ CFCEDF

■ E3E4DF

■ F7FADF

■ FFFFDF

# Harmonies

## Analogous

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



0079F2



6B5EDF



BD35AF

# Triad

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



6B5EDF



B85400



008B72

# Complementary

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



6B5EDF



D2DF5E

# 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.



00882E



6B5EDF



876F00

# Square

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



6B5EDF



D72C33



457F00



008BB2

# Rectangle

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



6B5EDF



D61386



457F00



008A5C



# Sweetspot

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



6B5EDF



D8D4FF



5ED2DF



696680



000000



808080



# Same Dimension

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



6B5EDF



614FFF



AB5EDF



666570



1200B0



050030



# Inverse Universe

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



DF5ED2



FF4FED



92DF5E



70656F



B0009E

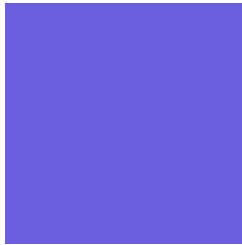


30002C



# Previews

## White Background



This preview shows how the Hex color 6B5EDF looks on a white background.

## Color Contrast Check

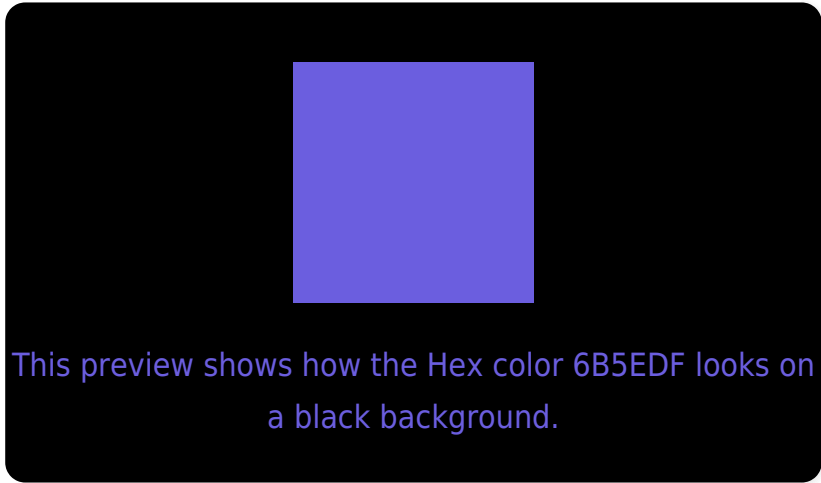
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5EDF Background



This preview shows how black text looks on a background with the Hex color 6B5EDF.



This preview shows how white text looks on a background with the Hex color 6B5EDF.

# 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](#).

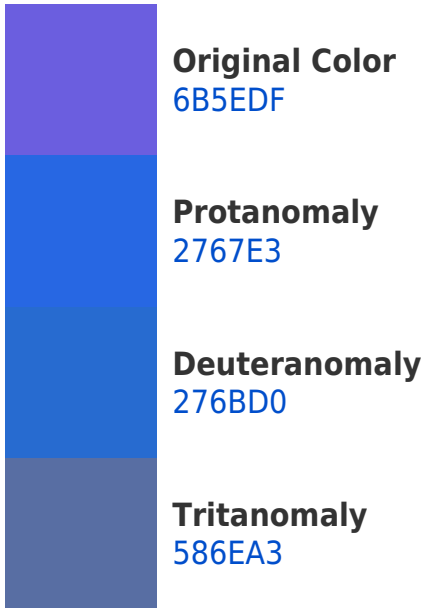
## Dichromacy





**Tritanopia**  
4D7781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5EDF 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 #6B5EDF looks like.

```
.text, #text, p{  
    color:#6B5EDF  
}
```

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 #6B5EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5EDF
}
```

## Border

The CSS property to change the border of an element to Hex 6B5EDF is called "border". The border property can be set on classes, ids or directly on the HTML element.

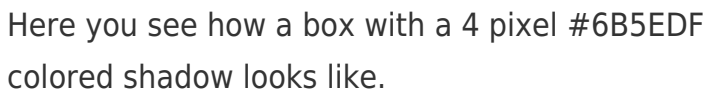
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5EDF }
```

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

```
.border{ border-color:#6B5EDF }
```

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



Here you see how a box with a 4 pixel #6B5EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5EDF; -webkit-box-shadow:4px 4px  
4px 4px #6B5EDF; box-shadow:4px 4px 4px  
4px #6B5EDF }
```

# Background

The CSS property to change the background color of an element to Hex 6B5EDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5EDF }
```

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

```
.background{ background-color:#6B5EDF }
```

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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