

# Converting Colors

Hex(6D45EB)

Have a look what the booklet for  
Hex(6D45EB) contains.

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**Color**

**Hex(6D45EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D45EB
RGB	109, 69, 235
RGB Percent	43%, 27%, 92%
CMY	0.5725, 0.7294, 0.0784
CMYK	0.54, 0.71, 0.00, 0.08
HSL	254°, 81%, 60%
HSV	254°, 71%, 92%
XYZ	23.4302, 13.5056, 79.9692
YIQ	99.8840, -29.4460, 60.1060

# Conversions

## Conversions Part 2

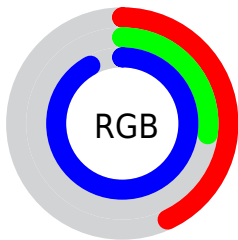
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 69, 235
Decimal	7161323
CIE <sub>Lab</sub>	43.52, 56.98, -77.83
CIE <sub>LCh</sub>	44, 96.460, 306.205
Yxy	13.5056, 0.2004, 0.1155
Android (android.graphics.Color)	4285351403 (0xFF6D45EB)
YUV	99.8840, 66.6122, 7.9947
Hunter-Lab	36.7500, 49.4914, -103.2920

# Details

The Hex color **6D45EB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **C3EB45**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AB79FF**, and **2410B2** is the 20% darker color. If you saturate the color by 10%, you get **5B2EEB**, and if you desaturate by 10%, it is **7F5DEB**.

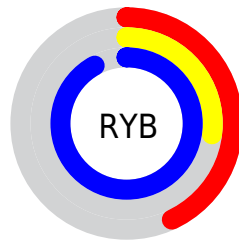
# Distribution



Red (43%)

Green (27%)

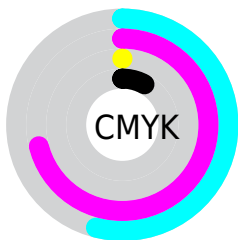
Blue (92%)



Red (43%)

Yellow (27%)

Blue (92%)

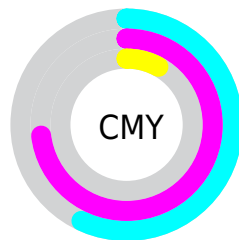


Cyan (54%)

Magenta (71%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (73%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D45EB 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 6D45EB by changing the saturation by 10% instead.



 6D45EB

 6D45EB

FFFFFF

 4C2CCE

 AB79FF

 2410B2

 C993FF

 000096

 E8AFFF

 00007B

 FFCBFF

 000061

 FFE7FF

 000848

 000431

 00011B

 000000

 6D45EB

 6D45EB

 5B2EEB

 7F5DEB

 4916EB

 9174EB

 3900EB

 A38CEB

 B4A3EB

 C6BBEB

 D8D2EB

 EAEAEB

 FCFFEB

 FFFFEB

# Harmonies

## Analogous

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



006EFF



6D45EB



CD00A9

# Triad

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



6D45EB



AF4700



008476

# Complementary

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



6D45EB



C3EB45

# 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.



00811C



6D45EB



6F6A00

# Square

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



6D45EB



DB0006



007A00



0085C5

# Rectangle

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



6D45EB



E50075



007A00



00835A



# Sweetspot

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



6D45EB



D6C9FF



45C4EB



676080



000000



808080



# Same Dimension

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



6D45EB



5A26FF



BF45EB



6C6A75



2C00B5



0D0036



# Inverse Universe

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



EB45C3



FF26CB



71EB45



756A72



B50089

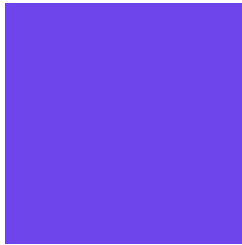


360029



# Previews

## White Background



This preview shows how the Hex color 6D45EB looks on a white background.

## Color Contrast Check

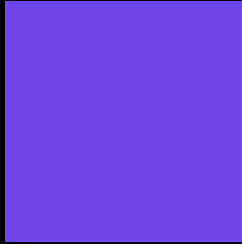
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D45EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

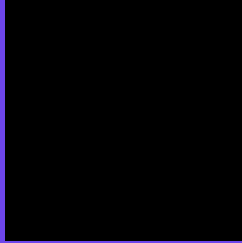
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D45EB Background



This preview shows how black text looks on a background with the Hex color 6D45EB.

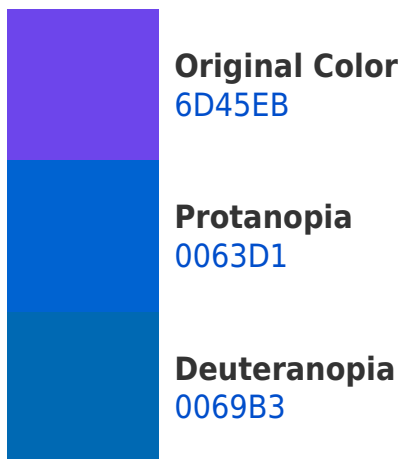



This preview shows how white text looks on a background with the Hex color 6D45EB.

# 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](#).

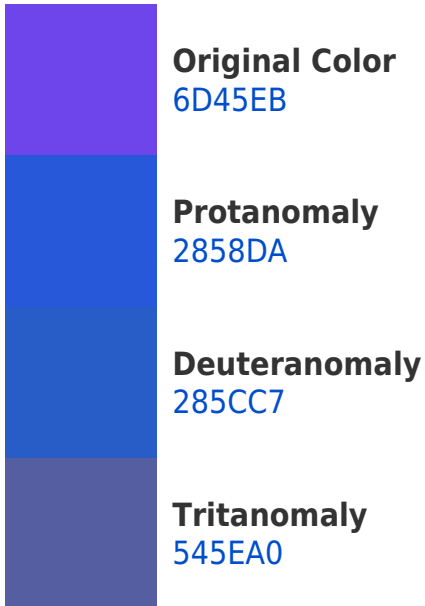
## Dichromacy





**Tritanopia**  
466D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D45EB 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 #6D45EB looks like.

```
.text, #text, p{  
    color:#6D45EB  
}
```

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 #6D45EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D45EB
}
```

## Border

The CSS property to change the border of an element to Hex 6D45EB 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
#6D45EB }
```

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

```
.border{ border-color:#6D45EB }
```

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

Here you see how a box with a 4 pixel #6D45EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D45EB; -webkit-box-shadow:4px 4px  
4px 4px #6D45EB; box-shadow:4px 4px 4px  
4px #6D45EB }
```

# Background

The CSS property to change the background color of an element to Hex 6D45EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D45EB }
```

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

```
.background{ background-color:#6D45EB }
```

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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