

Converting Colors

Hex(6B46EB)

Have a look what the booklet for
Hex(6B46EB) contains.

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Color

Hex(6B46EB)

Conversions

Conversions Part 1

Format	Color
Hex	6B46EB
RGB	107, 70, 235
RGB Percent	42%, 27%, 92%
CMY	0.5804, 0.7255, 0.0784
CMYK	0.54, 0.70, 0.00, 0.08
HSL	253°, 80%, 60%
HSV	253°, 70%, 92%
XYZ	23.2490, 13.5043, 79.9785
YIQ	99.8730, -30.9130, 59.1590

Conversions

Conversions Part 2

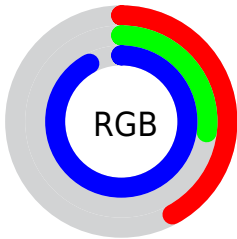
Format	Color
R_{YB}	107, 70, 235
Decimal	7030507
CIE _{Lab}	43.51, 56.17, -77.85
CIE _{LCh}	44, 95.997, 305.815
Yxy	13.5043, 0.1992, 0.1157
Android (android.graphics.Color)	4285220587 (0xFF6B46EB)
YUV	99.8730, 66.6176, 6.2504
Hunter-Lab	36.7482, 48.6199, -103.3147

Details

The Hex color **6B46EB** 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 **C6EB46**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A979FF**, and **2012B2** is the 20% darker color. If you saturate the color by 10%, you get **592FEB**, and if you desaturate by 10%, it is **7D5EEB**.

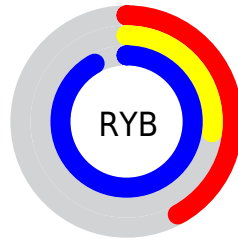
Distribution



Red (42%)

Green (27%)

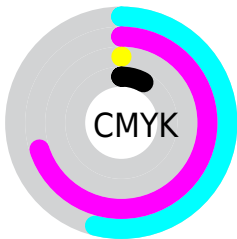
Blue (92%)



Red (42%)

Yellow (27%)

Blue (92%)

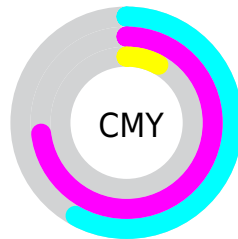


Cyan (54%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (73%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B46EB 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 6B46EB by changing the saturation by 10% instead.

 6B46EB

 6B46EB

FFFFFF

 4A2DCE

 A979FF

 2012B2

 C794FF

 000096

 E6AFFF

 00007B

 FFCBFF

 000061

 FFE8FF

 000848

 000431

 00011B

 000000

 6B46EB

 6B46EB

 592FEB

 7D5EEB

 4717EB

 8F75EB

 3500EB

 A28DEB

 B4A4EB

 C6BBEB

 D8D3EB

 EBEBEB

 FDF FEB

 FFF FEB

Harmonies

Analogous

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



006FFF



6B46EB



CC00AA

Triad

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



6B46EB



AF4700



008475

Complementary

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



6B46EB



C6EB46

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.



00811B



6B46EB



706900

Square

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



6B46EB



DB0009



007A00



0085C4

Rectangle

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



6B46EB



E50076



007A00



008359

Sweetspot

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



6B46EB



D5C9FF



46C7EB



676080



000000



808080

Same Dimension

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



6B46EB



5929FF



BC46EB



6C6A75



2900B5



0C0036

Inverse Universe

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



EB46C6



FF29CF



75EB46



756A73



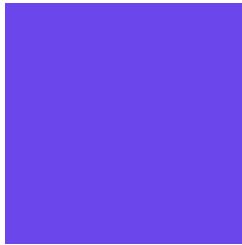
B5008C



36002A

Previews

White Background



This preview shows how the Hex color 6B46EB 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

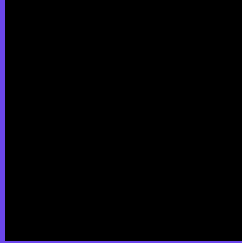
Any Text WCAG AA × Fail

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 6B46EB Background



This preview shows how black text looks on a background with the Hex color 6B46EB.

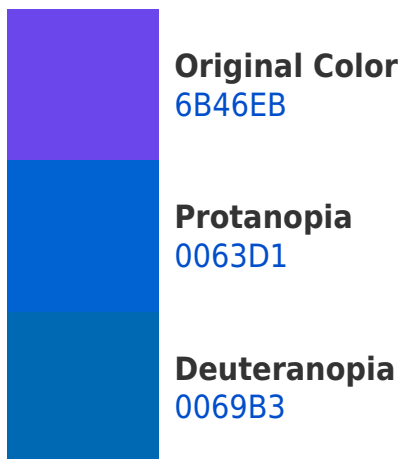



This preview shows how white text looks on a background with the Hex color 6B46EB.

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](#).

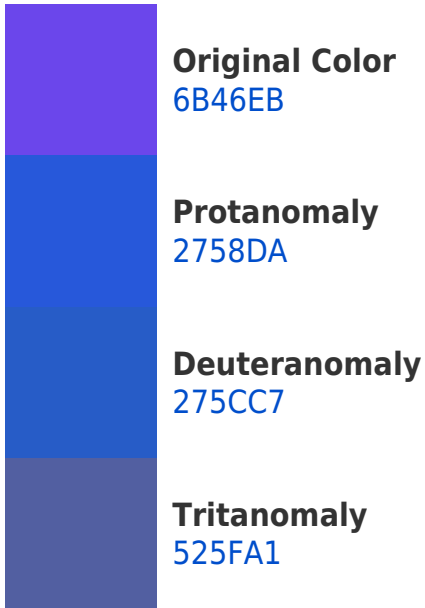
Dichromacy



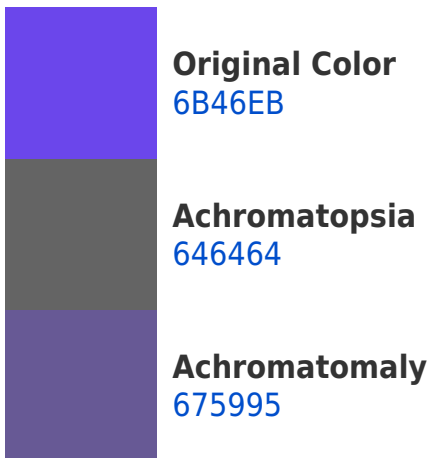


Tritanopia
436D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B46EB 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 #6B46EB looks like.

```
.text, #text, p{  
    color:#6B46EB  
}
```

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 #6B46EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B46EB
}
```

Border

The CSS property to change the border of an element to Hex 6B46EB 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
#6B46EB }
```

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

```
.border{ border-color:#6B46EB }
```

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

Here you see how a box with a 4 pixel #6B46EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B46EB; -webkit-box-shadow:4px 4px  
4px 4px #6B46EB; box-shadow:4px 4px 4px  
4px #6B46EB }
```

Background

The CSS property to change the background color of an element to Hex 6B46EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B46EB }
```

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

```
.background{ background-color:#6B46EB }
```

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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