

# Converting Colors

Hex(8060EB)

Have a look what the booklet for  
Hex(8060EB) contains.

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# Color

**Hex(8060EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8060EB
RGB	128, 96, 235
RGB Percent	50%, 38%, 92%
CMY	0.4980, 0.6235, 0.0784
CMYK	0.46, 0.59, 0.00, 0.08
HSL	254°, 78%, 65%
HSV	254°, 59%, 92%
XYZ	28.0804, 18.9531, 80.7756
YIQ	121.4140, -25.5470, 50.0130

# Conversions

## Conversions Part 2

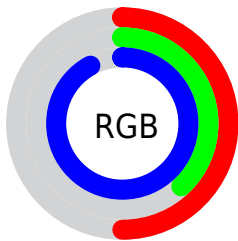
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 96, 235
Decimal	8413419
CIE <sub>Lab</sub>	50.63, 45.80, -66.17
CIE <sub>LCh</sub>	51, 80.475, 304.691
Yxy	18.9531, 0.2197, 0.1483
Android (android.graphics.Color)	4286603499 (0xFF8060EB)
YUV	121.4140, 55.9979, 5.7759
Hunter-Lab	43.5352, 38.9467, -79.5327

# Details

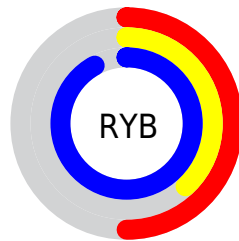
The Hex color **8060EB** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CBEB60**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BB94FF**, and **432FB2** is the 20% darker color. If you saturate the color by 10%, you get **6E49EB**, and if you desaturate by 10%, it is **9278EB**.

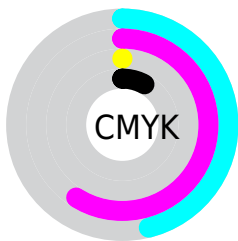
# Distribution



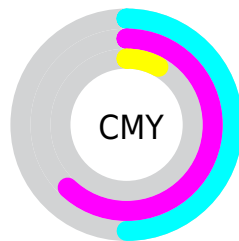
- Red (50%)
- Green (38%)
- Blue (92%)



- Red (50%)
- Yellow (38%)
- Blue (92%)



- Cyan (46%)
- Magenta (59%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (62%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8060EB 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 8060EB by changing the saturation by 10% instead.



 8060EB

 8060EB

FFFFFF

 6247CE

 BB94FF

 432FB2

 D9AFFF

 1E1897

 F7CBFF

 00007C

 FFE7FF

 000062

 000449

 000432

 00011C

 000000

8060EB

8060EB

6E49EB

9278EB

5C31EB

A48FEB

4A19EB

B6A6EB

3802EB

C8BEEB

3600EB

DAD6EB

EDEDEB

FFFFEB

# Harmonies

## Analogous

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



007FFF



8060EB



D031B5

# Triad

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



8060EB



BF5E00



009582

# Complementary

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



8060EB



CBEB60

# 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.



009239



8060EB



897A00

# Square

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



8060EB



E4322E



3E8A00



0095C6

# Rectangle

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



8060EB



E80288



3E8A00



00946A



# Sweetspot

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



8060EB



DCD1FF



60CDEB



6A6380



000000



808080



# Same Dimension

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



8060EB



744AFF



C460EB



6C6A75



2A00B5



0C0036



# Inverse Universe

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



EB60CB



FF4AD5



87EB60



756A73



B5008B

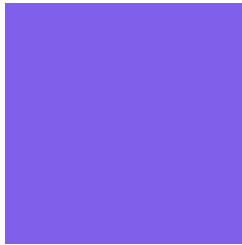


360029



# Previews

## White Background



This preview shows how the Hex color 8060EB looks on a white background.

## Color Contrast Check

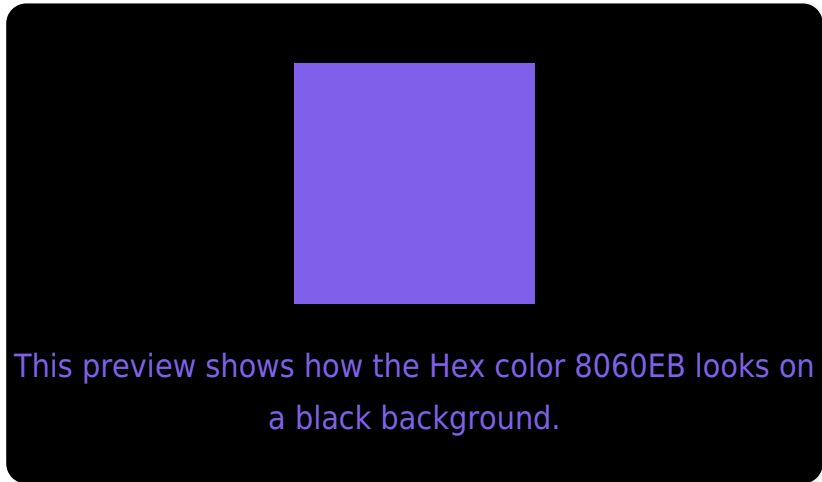
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

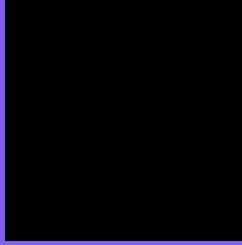
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8060EB Background



This preview shows how black text looks on a background with the Hex color 8060EB.

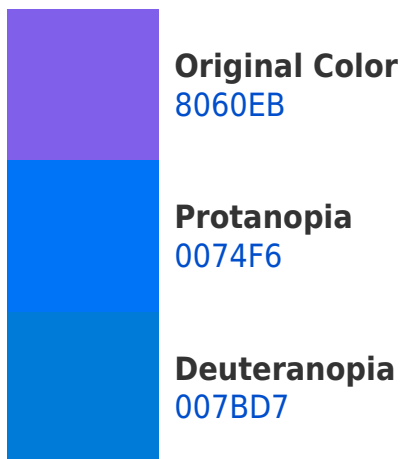



This preview shows how white text looks on a background with the Hex color 8060EB.

# 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



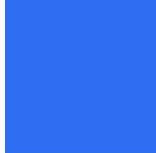


**Tritanopia**  
657C86

# Trichromacy



**Original Color**  
8060EB



**Protanomaly**  
2F6DF2



**Deuteranomaly**  
2F71DE



**Tritanomaly**  
6F72AB

# Monochromacy



**Original Color**  
8060EB



**Achromatopsia**  
797979



**Achromatomaly**  
7C70A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8060EB 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 #8060EB looks like.

```
.text, #text, p{  
    color:#8060EB  
}
```

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 #8060EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8060EB
}
```

## Border

The CSS property to change the border of an element to Hex 8060EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

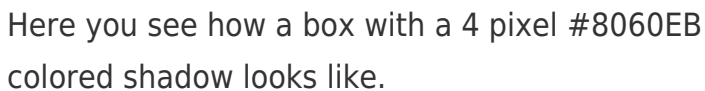
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8060EB }
```

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

```
.border{ border-color:#8060EB }
```

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



Here you see how a box with a 4 pixel #8060EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8060EB; -webkit-box-shadow:4px 4px  
4px 4px #8060EB; box-shadow:4px 4px 4px  
4px #8060EB }
```

# Background

The CSS property to change the background color of an element to Hex 8060EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8060EB }
```

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

```
.background{ background-color:#8060EB }
```

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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