

# Converting Colors

Hex(8056E9)

Have a look what the booklet for  
Hex(8056E9) contains.

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# Color

**Hex(8056E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8056E9
RGB	128, 86, 233
RGB Percent	50%, 34%, 91%
CMY	0.4980, 0.6627, 0.0863
CMYK	0.45, 0.63, 0.00, 0.09
HSL	257°, 77%, 63%
HSV	257°, 63%, 91%
XYZ	26.9379, 17.1280, 78.9770
YIQ	115.3160, -22.1550, 54.6210

# Conversions

## Conversions Part 2

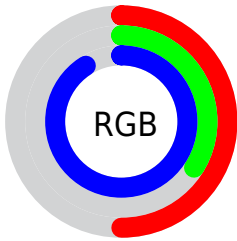
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 86, 233
Decimal	8410857
CIE <sub>Lab</sub>	48.42, 50.76, -68.63
CIE <sub>LCh</sub>	48, 85.357, 306.486
Yxy	17.1280, 0.2189, 0.1392
Android (android.graphics.Color)	4286600937 (0xFF8056E9)
YUV	115.3160, 58.0182, 11.1239
Hunter-Lab	41.3859, 43.7591, -84.1733

# Details

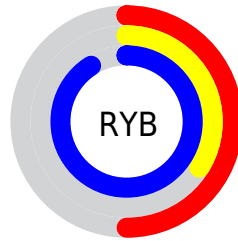
The Hex color **8056E9** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BFE956**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BB8AFF**, and **4324B0** is the 20% darker color. If you saturate the color by 10%, you get **6F3FE9**, and if you desaturate by 10%, it is **916DE9**.

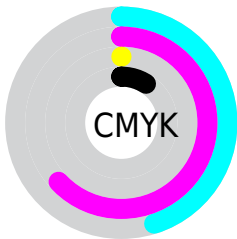
# Distribution



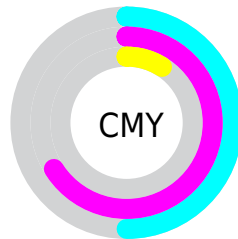
- Red (50%)
- Green (34%)
- Blue (91%)



- Red (50%)
- Yellow (34%)
- Blue (91%)



- Cyan (45%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (66%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8056E9 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 8056E9 by changing the saturation by 10% instead.



 8056E9

 8056E9

FFFFFF

 623DCC

 BB8AFF

 4324B0

 D9A5FF

 1D0995

 F7C0FF

 00007A

 FFDDFF

 000060

 FFFAFF

 000847

 000430

 00011A

 000000

8056E9

8056E9

6F3FE9

916DE9

5F27E9

A185E9

4E10E9

B29CE9

4300E9

C3B3E9

D3CBE9

E4E2E9

F4F9E9

FFFFE9

# Harmonies

## Analogous

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



0078FF



8056E9



D113AE

# Triad

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



8056E9



B85800



009081

# Complementary

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



8056E9



BFE956

# 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.



008D34



8056E9



7F7500

# Square

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



8056E9



E02320



268500



0090C8

# Rectangle

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



8056E9



E8007F



268500



008F68



# Sweetspot

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



8056E9



DCCFFB



56BFE9



6B6280



000000



808080



# Same Dimension

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



8056E9



753DFF



C956E9



6D6A75



3400B5



0F0036



# Inverse Universe

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



E956BF



FF3DC8



76E956



756A72



B50081

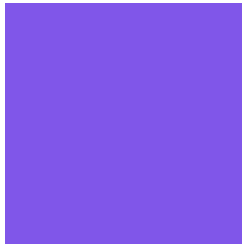


360026



# Previews

## White Background



This preview shows how the Hex color 8056E9 looks on a white background.

## Color Contrast Check

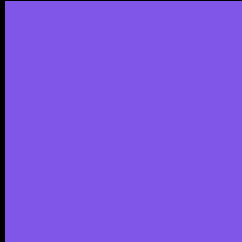
Large Text (above 18pt) WCAG AA ✓ Pass

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 8056E9 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 8056E9 Background



This preview shows how black text looks on a background with the Hex color 8056E9.

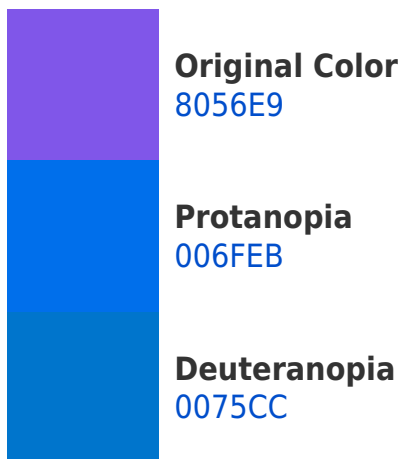


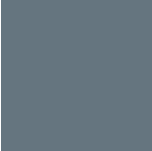
This preview shows how white text looks on a background with the Hex color 8056E9.

# 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**  
65757F

# Trichromacy



**Original Color**  
8056E9



**Protanomaly**  
2F66EA



**Deuteranomaly**  
2F6AD7



**Tritanomaly**  
6F6AA6

# Monochromacy



**Original Color**  
8056E9



**Achromatopsia**  
737373



**Achromatomaly**  
78689E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8056E9 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 #8056E9 looks like.

```
.text, #text, p{  
    color:#8056E9  
}
```

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 #8056E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8056E9
}
```

## Border

The CSS property to change the border of an element to Hex 8056E9 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".

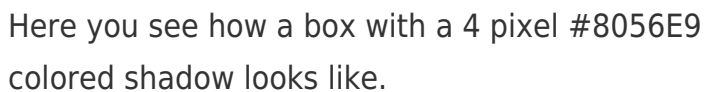
```
.border, #border, table{ border:4px solid
#8056E9 }
```

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

```
.border{ border-color:#8056E9 }
```

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

Here you see how a box with a 4 pixel #8056E9 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8056E9; -webkit-box-shadow:4px 4px  
4px 4px #8056E9; box-shadow:4px 4px 4px  
4px #8056E9 }
```

# Background

The CSS property to change the background color of an element to Hex 8056E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8056E9 }
```

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

```
.background{ background-color:#8056E9 }
```

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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