

Converting Colors

Hex(8166EF)

Have a look what the booklet for
Hex(8166EF) contains.

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Color

Hex(8166EF)

Conversions

Conversions Part 1

Format	Color
Hex	8166EF
RGB	129, 102, 239
RGB Percent	51%, 40%, 94%
CMY	0.4941, 0.6000, 0.0627
CMYK	0.46, 0.57, 0.00, 0.06
HSL	252°, 81%, 67%
HSV	252°, 57%, 94%
XYZ	29.3846, 20.4019, 84.0506
YIQ	125.6910, -27.8850, 48.3310

Conversions

Conversions Part 2

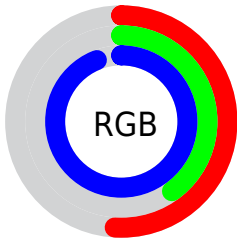
Format	Color
RYB	129, 102, 239
Decimal	8480495
CIELab	52.29, 43.74, -65.73
CIELCh	52, 78.952, 303.644
Yxy	20.4019, 0.2196, 0.1524
Android (android.graphics.Color)	4286670575 (0xFF8166EF)
YUV	125.6910, 55.8613, 2.9020
Hunter-Lab	45.1684, 37.0796, -78.7105

Details

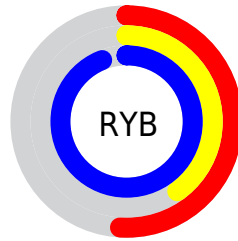
The Hex color **8166EF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D4EF66**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BC9AFF**, and **4436B6** is the 20% darker color. If you saturate the color by 10%, you get **6E4EEF**, and if you desaturate by 10%, it is **947EEF**.

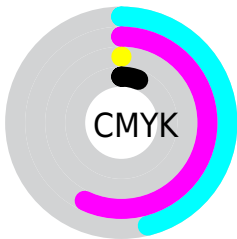
Distribution



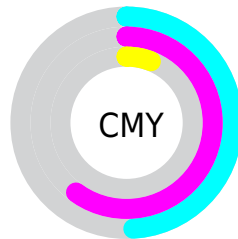
- Red (51%)
- Green (40%)
- Blue (94%)



- Red (51%)
- Yellow (40%)
- Blue (94%)



- Cyan (46%)
- Magenta (57%)
- Yellow (0%)
- Black (6%)




- Cyan (49%)
- Magenta (60%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8166EF 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 8166EF by changing the saturation by 10% instead.

 8166EF

 8166EF

FFFFFF

 634DD2

 BC9AFF

 4436B6

 DAB5FF

 1F1E9B

 F8D1FF

 000780

 FFEDFF


 000066

 00014D

 000535

 00021F

 000002

 8166EF

 8166EF

 6E4EEF

 947EEF

 5B36EF

 A796EF

 471EEF

 BBAEEF

 3406EF

 CEC6EF

 2F00EF

 E1DDEF

 F4F5EF

 FFFFEF

Harmonies

Analogous

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



0083FF



8166EF



D23BBA

Triad

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



8166EF



C56100



009983

Complementary

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



8166EF



D4EF66

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.



00963B



8166EF



907D00

Square

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



8166EF



E83936



488D00



0099C7

Rectangle

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



8166EF



EA1D8E



488D00



00986C

Sweetspot

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



8166EF



DCD4FF



66D6EF



6B6680



000000



808080

Same Dimension

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



8166EF



724FFF



C466EF



6E6C78



2400B8



0B0038

Inverse Universe

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



EF66D4



FF4FDC



91EF66



786C75



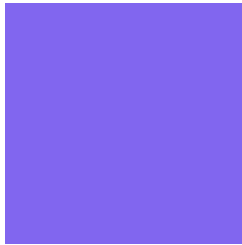
B80093



38002D

Previews

White Background



This preview shows how the Hex color 8166EF looks on a white background.

Color Contrast Check

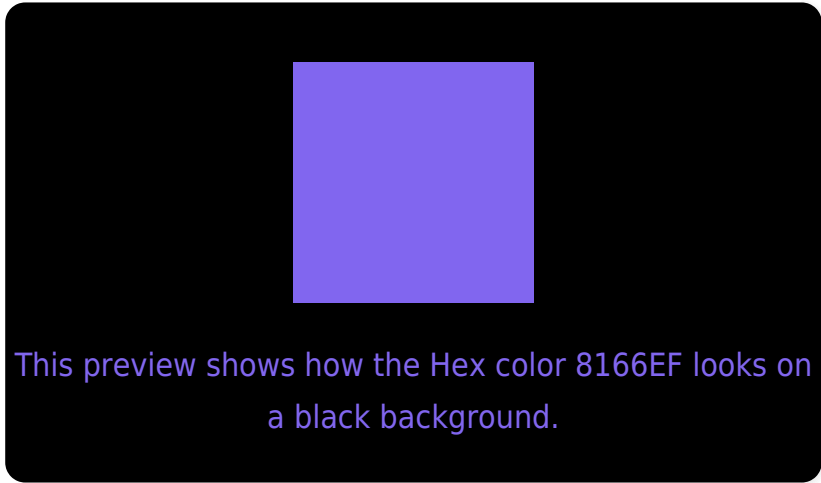
Large Text (above 18pt) WCAG AA ✓ Pass

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 8166EF Background



This preview shows how black text looks on a background with the Hex color 8166EF.

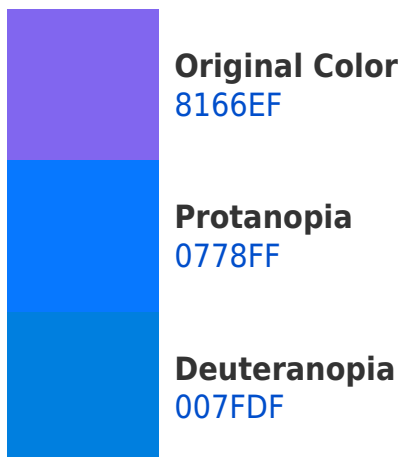


This preview shows how white text looks on a background with the Hex color 8166EF.

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
66818B

Trichromacy



Original Color
8166EF



Protanomaly
3371F9



Deuteranomaly
2F76E5



Tritanomaly
7077AF

Monochromacy



Original Color
8166EF



Achromatopsia
7E7E7E



Achromatomaly
7F75A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8166EF 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 #8166EF looks like.

```
.text, #text, p{  
    color:#8166EF  
}
```

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 #8166EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8166EF
}
```

Border

The CSS property to change the border of an element to Hex 8166EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

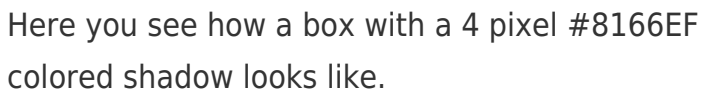
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8166EF }
```

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

```
.border{ border-color:#8166EF }
```

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



Here you see how a box with a 4 pixel #8166EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8166EF; -webkit-box-shadow:4px 4px  
4px 4px #8166EF; box-shadow:4px 4px 4px  
4px #8166EF }
```

Background

The CSS property to change the background color of an element to Hex 8166EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8166EF }
```

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

```
.background{ background-color:#8166EF }
```

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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