

# Converting Colors

Hex(8B6EF1)

Have a look what the booklet for  
Hex(8B6EF1) contains.

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**Color**

**Hex(8B6EF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B6EF1
RGB	139, 110, 241
RGB Percent	55%, 43%, 95%
CMY	0.4549, 0.5686, 0.0549
CMYK	0.42, 0.54, 0.00, 0.05
HSL	253°, 82%, 69%
HSV	253°, 54%, 95%
XYZ	32.1006, 22.9917, 85.9650
YIQ	133.6050, -24.7670, 46.8890

# Conversions

## Conversions Part 2

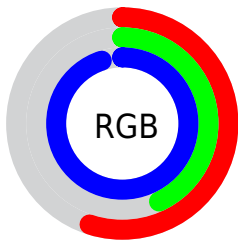
Format	Color
R <sub>Y</sub> B	139, 110, 241
Decimal	9137905
CIE Lab	55.06, 41.89, -62.33
CIE LCh	55, 75.095, 303.906
Yxy	22.9917, 0.2276, 0.1630
Android (android.graphics.Color)	4287327985 (0xFF8B6EF1)
YUV	133.6050, 52.9457, 4.7314
Hunter-Lab	47.9497, 35.5874, -72.7314

# Details

The Hex color **8B6EF1** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D4F16E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C5A2FF**, and **513DB8** is the 20% darker color. If you saturate the color by 10%, you get **7856F1**, and if you desaturate by 10%, it is **9E86F1**.

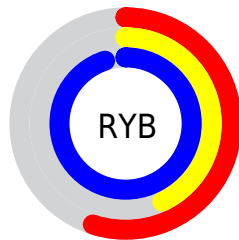
# Distribution



Red (55%)

Green (43%)

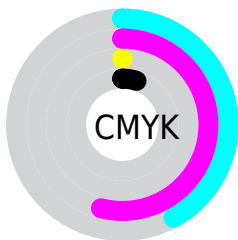
Blue (95%)



Red (55%)

Yellow (43%)

Blue (95%)

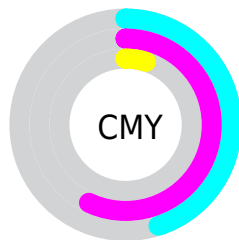


Cyan (42%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (45%)

Magenta (57%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B6EF1 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 8B6EF1 by changing the saturation by 10% instead.



 8B6EF1

 8B6EF1

FFFFFF

 6E55D4

 C5A2FF

 513DB8

 E3BEFF

 30269C

 FFDAFF

 000F82

 FFF6FF

 000068

 00004F

 000537

 000221

 000005

8B6EF1

8B6EF1

7856F1

9E86F1

653EF1

B19EF1

5326F1

C3B6F1

400EF1

D6CEF1

3500F1

E9E6F1

FCFFF1

FFFFFF1

# Harmonies

## Analogous

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



008AFF



8B6EF1



D74ABE

# Triad

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



8B6EF1



CB6A00



00A08B

# Complementary

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



8B6EF1



D4F16E

# 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.



009D46



8B6EF1



988400

# Square

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



8B6EF1



ED483F



539400



00A0CB

# Rectangle

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



8B6EF1



EE3694



539400



009F74



# Sweetspot

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



8B6EF1



DFD6FF



6ED5F1



6D6780



000000



808080



# Same Dimension

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



8B6EF1



7E59FF



CC6EF1



6F6C78



2900B8



0C0038



# Inverse Universe

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



F16ED4



FF59DA



93F16E



786C75



B8008F

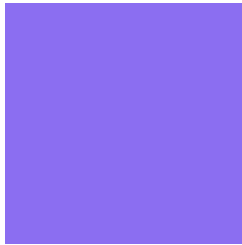


38002C



# Previews

## White Background



This preview shows how the Hex color 8B6EF1 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

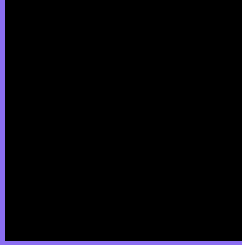
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B6EF1 Background



This preview shows how black text looks on a background with the Hex color 8B6EF1.



This preview shows how white text looks on a background with the Hex color 8B6EF1.

# 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](#).

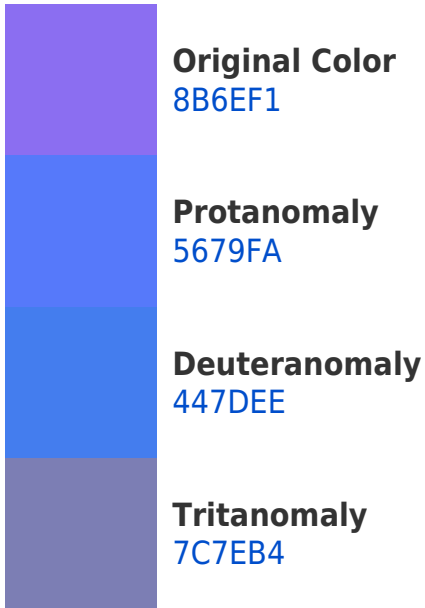
## Dichromacy



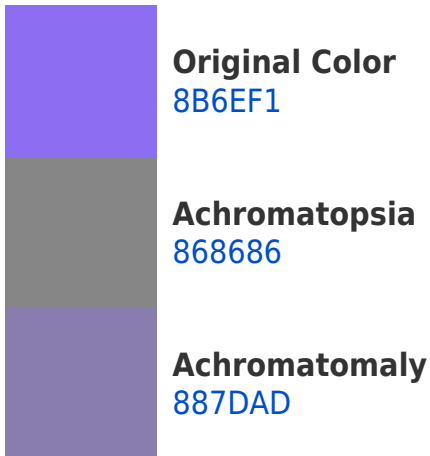


**Tritanopia**  
748791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B6EF1 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 #8B6EF1 looks like.

```
.text, #text, p{  
    color:#8B6EF1  
}
```

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 #8B6EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6EF1  
}
```

## Border

The CSS property to change the border of an element to Hex 8B6EF1 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  
#8B6EF1 }
```

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

```
.border{ border-color:#8B6EF1 }
```

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

Here you see how a box with a 4 pixel #8B6EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6EF1; -webkit-box-shadow:4px 4px  
4px 4px #8B6EF1; box-shadow:4px 4px 4px  
4px #8B6EF1 }
```

# Background

The CSS property to change the background color of an element to Hex 8B6EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6EF1 }
```

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

```
.background{ background-color:#8B6EF1 }
```

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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