

# Converting Colors

Hex(8B67EC)

Have a look what the booklet for  
Hex(8B67EC) contains.

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**Color**

**Hex(8B67EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B67EC
RGB	139, 103, 236
RGB Percent	55%, 40%, 93%
CMY	0.4549, 0.5961, 0.0745
CMYK	0.41, 0.56, 0.00, 0.07
HSL	256°, 78%, 66%
HSV	256°, 56%, 93%
XYZ	30.6380, 21.2456, 81.8429
YIQ	128.9260, -21.2370, 48.9950

# Conversions

## Conversions Part 2

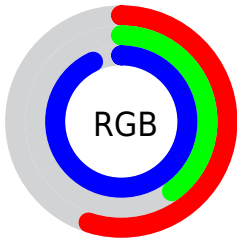
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 103, 236</a>
Decimal	<a href="#">9136108</a>
CIELab	<a href="#">53.22, 44.48, -62.51</a>
CIElCh	<a href="#">53, 76.716, 305.435</a>
Yxy	<a href="#">21.2456, 0.2291, 0.1589</a>
Android (android.graphics.Color)	<a href="#">4287326188 (0xFF8B67EC)</a>
YUV	<a href="#">128.9260, 52.7875, 8.8349</a>
Hunter-Lab	<a href="#">46.0929, 37.9865, -73.0106</a>

# Details

The Hex color **8B67EC** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C8EC67**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C59BFF**, and **5136B3** is the 20% darker color. If you saturate the color by 10%, you get **7A4FEC**, and if you desaturate by 10%, it is **9C7FEC**.

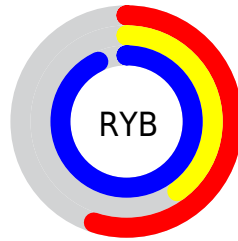
# Distribution



Red (55%)

Green (40%)

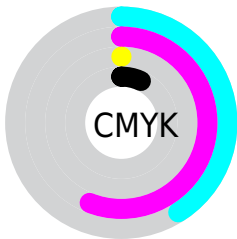
Blue (93%)



Red (55%)

Yellow (40%)

Blue (93%)

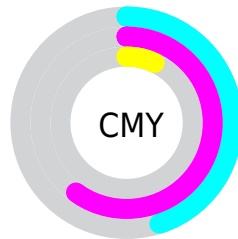


Cyan (41%)

Magenta (56%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (60%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B67EC 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 8B67EC by changing the saturation by 10% instead.



 8B67EC

 8B67EC

FFFFFF

 6E4ECF

 C59BFF

 5136B3

 E3B6FF

 311E98

 FFD2FF

 00057D

 FFEFFF

 000063

 00004B

 000433

 00021D

 000000

 8B67EC

 8B67EC

 7A4FEC

 9C7FEC

 6938EC

 AD96EC

 5720EC

 BFAEEC

 4609EC

 D0C5EC

 4000EC

 E1DDEC

 F2F5EC

 FFFFEC

# Harmonies

## Analogous

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



0084FF



8B67EC



D540B7

# Triad

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



8B67EC



C46600



009B8A

# Complementary

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



8B67EC



C8EC67

# 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.



009844



8B67EC



8F8000

# Square

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



8B67EC



E74236



489000



009BCB

# Rectangle

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



8B67EC



EC298C



489000



009B73



# Sweetspot

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



8B67EC



DFD4FF



67C9EC



6D6680



000000



808080



# Same Dimension

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



8B67EC



8152FF



CD67EC



6D6A75



3100B5



0E0036



# Inverse Universe

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



EC67C8



FF52D0



86EC67



756A72



B50084

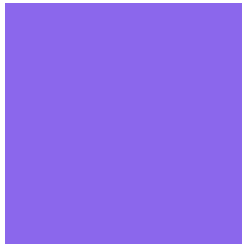


360027



# Previews

## White Background



This preview shows how the Hex color 8B67EC 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 8B67EC Background



This preview shows how black text looks on a background with the Hex color 8B67EC.



This preview shows how white text looks on a background with the Hex color 8B67EC.

# 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](#).

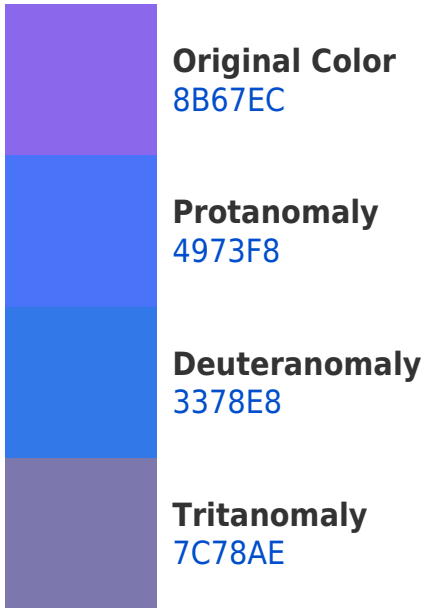
## Dichromacy



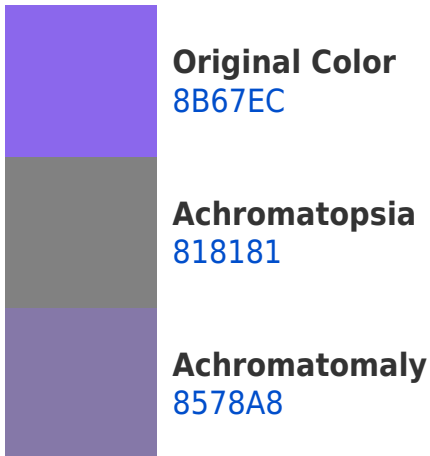


**Tritanopia**  
74818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B67EC 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 #8B67EC looks like.

```
.text, #text, p{  
    color:#8B67EC  
}
```

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 #8B67EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B67EC
}
```

## Border

The CSS property to change the border of an element to Hex 8B67EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

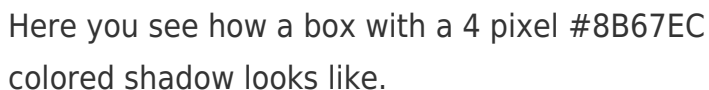
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B67EC }
```

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

```
.border{ border-color:#8B67EC }
```

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



Here you see how a box with a 4 pixel #8B67EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B67EC; -webkit-box-shadow:4px 4px  
4px 4px #8B67EC; box-shadow:4px 4px 4px  
4px #8B67EC }
```

# Background

The CSS property to change the background color of an element to Hex 8B67EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B67EC }
```

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

```
.background{ background-color:#8B67EC }
```

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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