

# Converting Colors

Hex(8B8AEE)

Have a look what the booklet for  
Hex(8B8AEE) contains.

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# Color

**Hex(8B8AEE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8B8AEE                      |
| RGB         | 139, 138, 238               |
| RGB Percent | 55%, 54%, 93%               |
| CMY         | 0.4549, 0.4588, 0.0667      |
| CMYK        | 0.42, 0.42, 0.00, 0.07      |
| HSL         | 241°, 75%, 74%              |
| HSV         | 241°, 42%, 93%              |
| XYZ         | 35.1686, 29.8390, 84.7948   |
| YIQ         | 149.6990, -31.5040, 31.3120 |

# Conversions

## Conversions Part 2

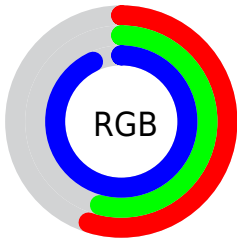
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 139, 138, 238                 |
| Decimal                             | 9145070                       |
| CIE Lab                             | 61.52, 24.84, -50.36          |
| CIE LCh                             | 62, 56.153, 296.255           |
| Yxy                                 | 29.8390, 0.2348,<br>0.1992    |
| Android<br>(android.graphics.Color) | 4287335150<br>(0xFF8B8AEE)    |
| YUV                                 | 149.6990, 43.5324,<br>-9.3830 |
| Hunter-Lab                          | 54.6251, 19.3275,<br>-53.7987 |

# Details

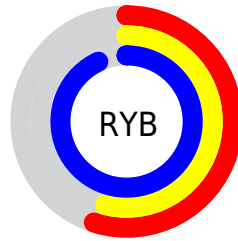
The Hex color **8B8AEE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EDEE8A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C4BFFF**, and **5358B5** is the 20% darker color. If you saturate the color by 10%, you get **7372EE**, and if you desaturate by 10%, it is **A3A2EE**.

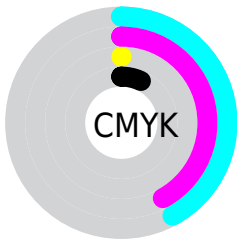
# Distribution



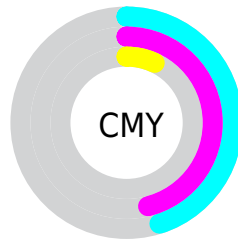
- Red (55%)
- Green (54%)
- Blue (93%)



- Red (55%)
- Yellow (54%)
- Blue (93%)



- Cyan (42%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (46%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8AEE 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 8B8AEE by changing the saturation by 10% instead.



 8B8AEE

 8B8AEE

FFFFFF

 6F71D1

 C4BFFF

 5358B5

 E1DBFF

 35419A

 FFF8FF

 0F2B80

 001766

 00004E

 000536

 000220

 000003

■ 8B8AEE

■ 8B8AEE

■ 7372EE

■ A3A2EE

■ 5C5AEE

■ BABAEE

■ 4443EE

■ D2D1EE

■ 2D2BEE

■ E9E9EE

■ 1513EE

■ FFFFEE

■ 0200EE

# Harmonies

## Analogous

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



009CF8



8B8AEE



CB75CC

# Triad

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



8B8AEE



DA7D42



00AC8C

# Complementary

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



8B8AEE



EDEE8A

# 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.



41A85B



8B8AEE



B5902A

# Square

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



8B8AEE



EE6B6C



849F34



00ACBF

# Rectangle

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



8B8AEE



E46AAE



849F34



00AB7B



# Sweetspot

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



8B8AEE



DEDEFF



8AEEEE



6B6B80



000000



808080



# Same Dimension

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



8B8AEE



8180FF



BC8AEE



6C6C78



0200B8



010038



# Inverse Universe

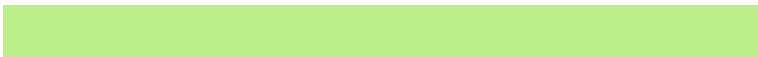
The Inverse Universe completely reimagines the original color for something new.



EE8AED



FF80FE



BCEE8A



786C78



B800B6

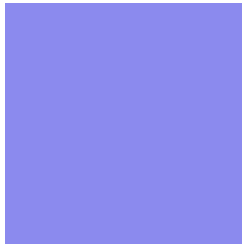


380038



# Previews

## White Background



This preview shows how the Hex color 8B8AEE looks on a white background.

## Color Contrast Check

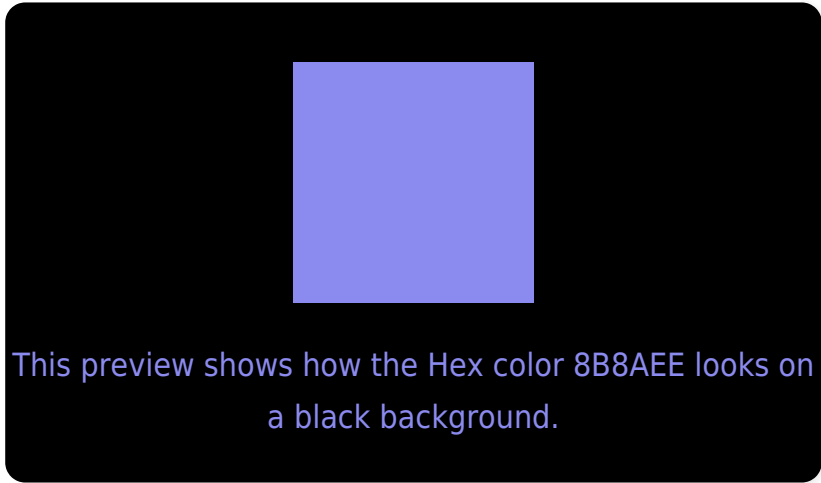
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B8AEE Background



This preview shows how black text looks on a background with the Hex color 8B8AEE.



This preview shows how white text looks on a background with the Hex color 8B8AEE.

# 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](#).

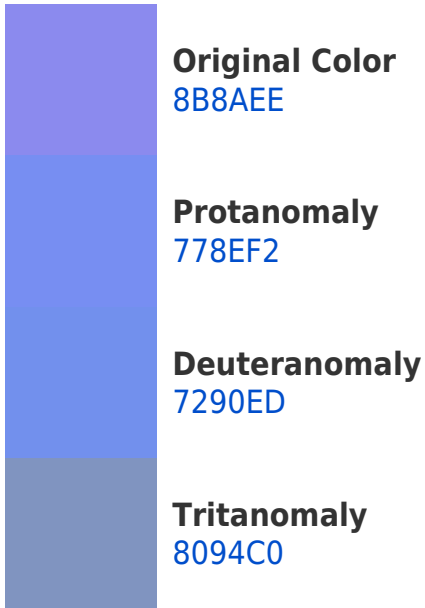
## Dichromacy



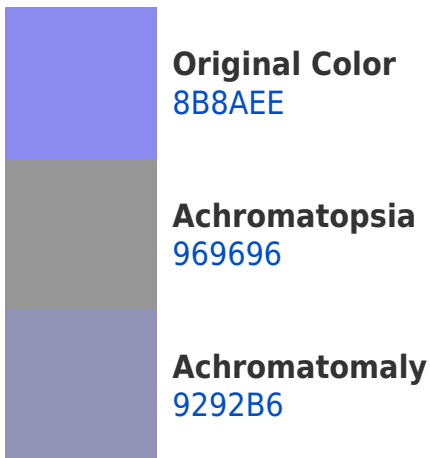


**Tritanopia**  
799AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8AEE 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 #8B8AEE looks like.

```
.text, #text, p{  
    color:#8B8AEE  
}
```

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 #8B8AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8AEE
}
```

## Border

The CSS property to change the border of an element to Hex 8B8AEE 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
#8B8AEE }
```

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

```
.border{ border-color:#8B8AEE }
```

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

Here you see how a box with a 4 pixel #8B8AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8AEE; -webkit-box-shadow:4px 4px  
4px 4px #8B8AEE; box-shadow:4px 4px 4px  
4px #8B8AEE }
```

# Background

The CSS property to change the background color of an element to Hex 8B8AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8AEE }
```

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

```
.background{ background-color:#8B8AEE }
```

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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