

# Converting Colors

Hex(8B84CE)

Have a look what the booklet for  
Hex(8B84CE) contains.

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# **Color**

**Hex(8B84CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B84CE
RGB	139, 132, 206
RGB Percent	55%, 52%, 81%
CMY	0.4549, 0.4824, 0.1922
CMYK	0.33, 0.36, 0.00, 0.19
HSL	246°, 43%, 66%
HSV	246°, 36%, 81%
XYZ	30.0393, 26.4477, 61.9142
YIQ	142.5290, -19.5820, 24.4980

# Conversions

## Conversions Part 2

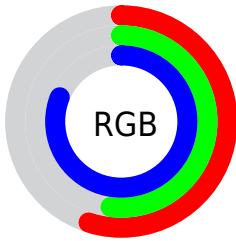
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 132, 206</a>
Decimal	<a href="#">9143502</a>
CIELab	<a href="#">58.46, 19.63, -37.32</a>
CIELCh	<a href="#">58, 42.166, 297.752</a>
Yxy	<a href="#">26.4477, 0.2537, 0.2234</a>
Android (android.graphics.Color)	<a href="#">4287333582 (0xFF8B84CE)</a>
YUV	<a href="#">142.5290, 31.2912, -3.0949</a>
Hunter-Lab	<a href="#">51.4274, 14.2660, -35.3810</a>

# Details

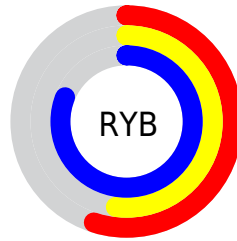
The Hex color **8B84CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7CE84**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C2B9FF**, and **565397** is the 20% darker color. If you saturate the color by 10%, you get **786FCE**, and if you desaturate by 10%, it is **9E99CE**.

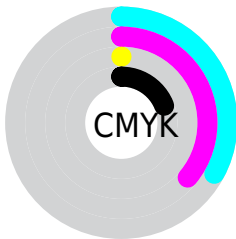
# Distribution



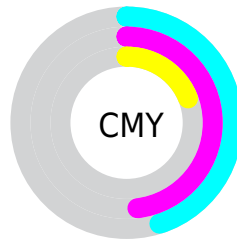
- Red (55%)
- Green (52%)
- Blue (81%)



- Red (55%)
- Yellow (52%)
- Blue (81%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (48%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B84CE 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 8B84CE by changing the saturation by 10% instead.





8B84CE



8B84CE

FFFFFF



706BB2



C2B9FF



565397



DFD5FF



3C3C7D



FCF1FF



212664



00124B



000034



00021E



000000



8B84CE



8B84CE

 786FCE

 9E99CE

 665BCE

 B0ADCE

 5346CE

 C3C2CE

 4032CE

 D6D6CE

 2E1DCE

 E8EBCE

 1B08CE

 FBFFCE

 1300CE

 FFFFCE

# Harmonies

## Analogous

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



4591D6



8B84CE



B876B5

# Triad

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



8B84CE



C27C4F



009F88

# Complementary

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



8B84CE



C7CE84

# 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.



529C64



8B84CE



A58A41

# Square

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



8B84CE



D1716C



809549



009FAE

# Rectangle

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



8B84CE



CA709D



809549



249F7C



# Sweetspot

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



8B84CE



E6E3FF



84C8CE



706F80



000000



808080



# Same Dimension

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



8B84CE



9C91FF



AF84CE



5D5C66



1000A6



040026



# Inverse Universe

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



CE84C7



FF91F5



A3CE84



665C65



A60096

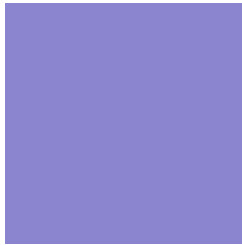


260023



# Previews

## White Background



This preview shows how the Hex color 8B84CE looks on a white background.

## Color Contrast Check

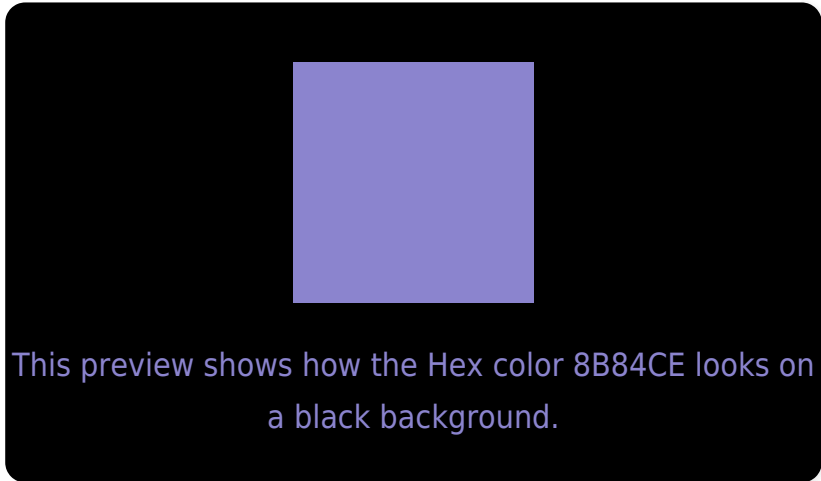
Large Text (above 18pt) WCAG AA ✓ Pass

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

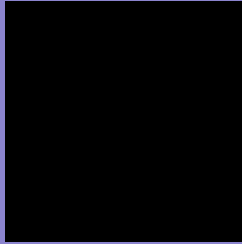
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B84CE Background



This preview shows how black text looks on a background with the Hex color 8B84CE.

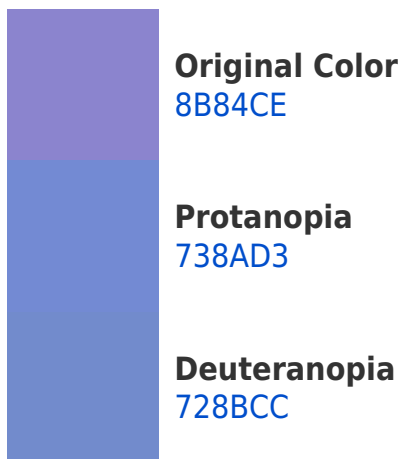


This preview shows how white text looks on a background with the Hex color 8B84CE.

# 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](#).

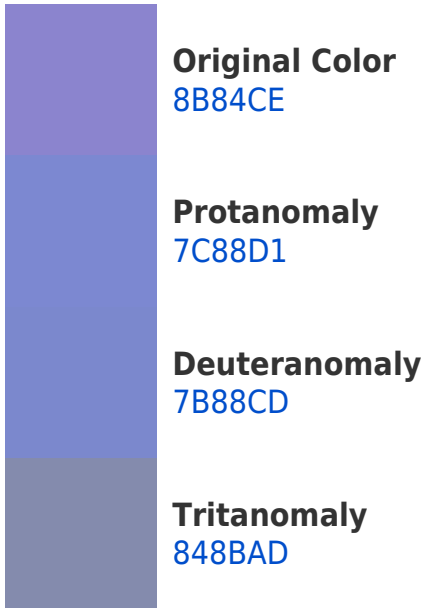
## Dichromacy



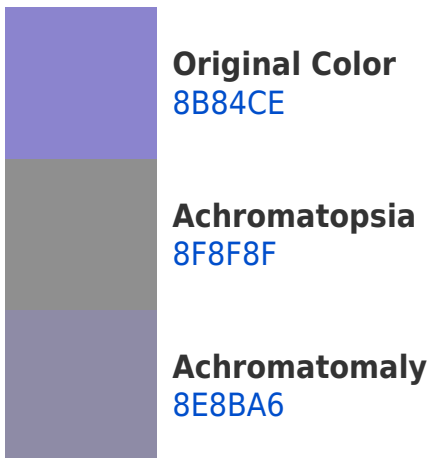


**Tritanopia**  
808F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B84CE 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 #8B84CE looks like.

```
.text, #text, p{  
    color:#8B84CE  
}
```

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 #8B84CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B84CE
}
```

## Border

The CSS property to change the border of an element to Hex 8B84CE 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
#8B84CE }
```

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

```
.border{ border-color:#8B84CE }
```

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

Here you see how a box with a 4 pixel #8B84CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B84CE; -webkit-box-shadow:4px 4px  
4px 4px #8B84CE; box-shadow:4px 4px 4px  
4px #8B84CE }
```

# Background

The CSS property to change the background color of an element to Hex 8B84CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B84CE }
```

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

```
.background{ background-color:#8B84CE }
```

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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