

# Converting Colors

Hex(8C7AE2)

Have a look what the booklet for  
Hex(8C7AE2) contains.

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# Color

Hex(8C7AE2)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8C7AE2                      |
| RGB         | 140, 122, 226               |
| RGB Percent | 55%, 48%, 89%               |
| CMY         | 0.4510, 0.5216, 0.1137      |
| CMYK        | 0.38, 0.46, 0.00, 0.11      |
| HSL         | 250°, 64%, 68%              |
| HSV         | 250°, 46%, 89%              |
| XYZ         | 31.5022, 24.9855, 75.1138   |
| YIQ         | 139.2380, -22.6560, 36.1600 |

# Conversions

## Conversions Part 2

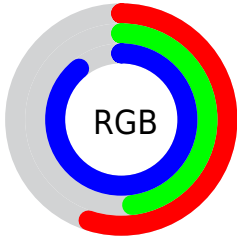
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">140, 122, 226</a>                  |
| Decimal                             | <a href="#">9206498</a>                        |
| CIELab                              | <a href="#">57.06, 31.10, -50.75</a>           |
| CIELCh                              | <a href="#">57, 59.524, 301.502</a>            |
| Yxy                                 | <a href="#">24.9855, 0.2394,<br/>0.1899</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287396578<br/>(0xFF8C7AE2)</a>    |
| YUV                                 | <a href="#">139.2380, 42.7737,<br/>0.6683</a>  |
| Hunter-Lab                          | <a href="#">49.9855, 25.0209,<br/>-54.1060</a> |

# Details

The Hex color **8C7AE2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D0E27A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C5AFFF**, and **5549AA** is the 20% darker color. If you saturate the color by 10%, you get **7963E2**, and if you desaturate by 10%, it is **9F91E2**.

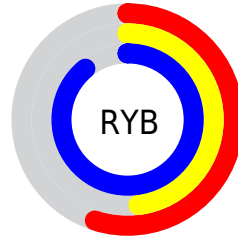
# Distribution



Red (55%)

Green (48%)

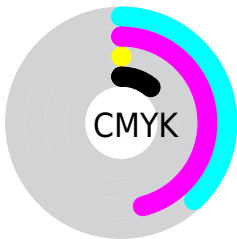
Blue (89%)



Red (55%)

Yellow (48%)

Blue (89%)

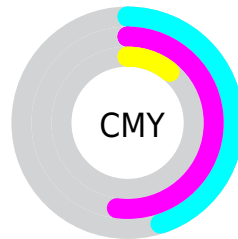


Cyan (38%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (45%)

Magenta (52%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7AE2 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 8C7AE2 by changing the saturation by 10% instead.



8C7AE2

8C7AE2

FFFFFF

7061C6

C5AFFF

5549AA

E2CAFF

38328F

FFE6FF

171C75

00085C

000043

00032C

000116

000000

 8C7AE2

 8C7AE2

 7963E2

 9F91E2

 674DE2

 B1A7E2

 5436E2

 C4BEE2

 4120E2

 D7D4E2

 2F09E2

 E9EBE2

 2700E2

 FCFFE2

 FFFFE2

# Harmonies

## Analogous

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



008EF1



8C7AE2



C963BB

# Triad

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



8C7AE2



C9732B



00A18A

# Complementary

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



8C7AE2



D0E27A

# 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.



009E55



8C7AE2



A1870E

# Square

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



8C7AE2



E25F56



6C9527



00A1BE

# Rectangle

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



8C7AE2



DF589A



6C9527



00A178



# Sweetspot

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



8C7AE2



E1DBFF



7AD1E2



6E6A80



000000



808080



# Same Dimension

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



8C7AE2



8B73FF



BF7AE2



676570



1E00B0



080030



# Inverse Universe

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



E27AD0



FF73E7



9DE27A



70656E



B00091

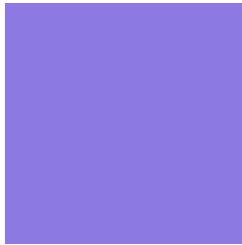


300028



# Previews

## White Background



This preview shows how the Hex color 8C7AE2 looks on a white background.

## Color Contrast Check

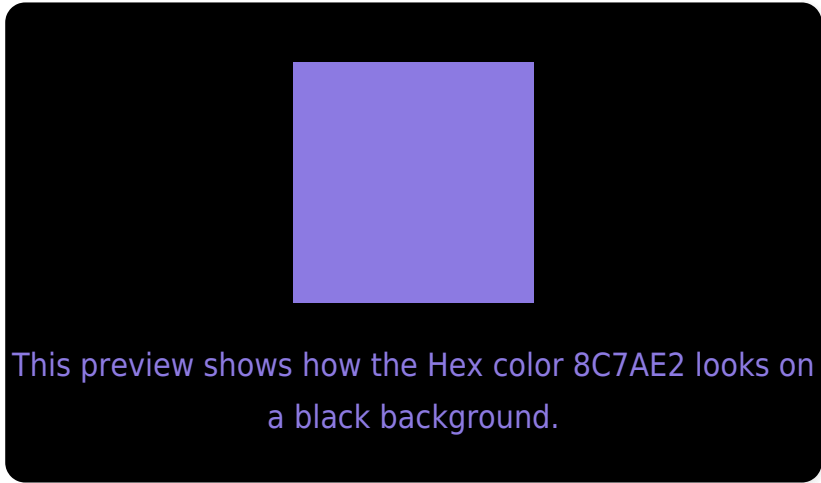
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C7AE2 Background



This preview shows how black text looks on a background with the Hex color 8C7AE2.

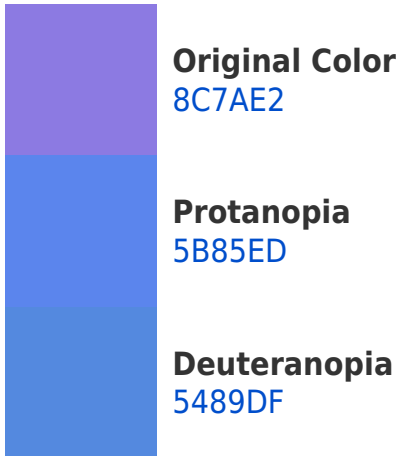


This preview shows how white text looks on a background with the Hex color 8C7AE2.

# 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](#).

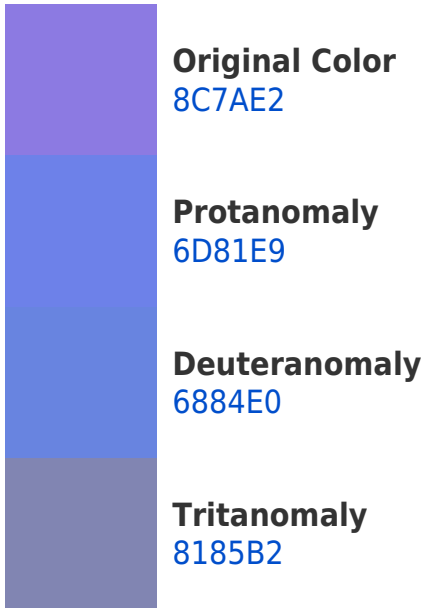
## Dichromacy



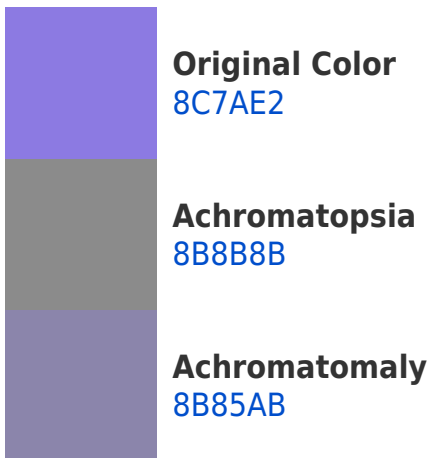


**Tritanopia**  
7B8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7AE2 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 #8C7AE2 looks like.

```
.text, #text, p{  
    color:#8C7AE2  
}
```

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 #8C7AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7AE2
}
```

## Border

The CSS property to change the border of an element to Hex 8C7AE2 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
#8C7AE2 }
```

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

```
.border{ border-color:#8C7AE2 }
```

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

Here you see how a box with a 4 pixel #8C7AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7AE2; -webkit-box-shadow:4px 4px  
4px 4px #8C7AE2; box-shadow:4px 4px 4px  
4px #8C7AE2 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7AE2 }
```

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

```
.background{ background-color:#8C7AE2 }
```

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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