

# Converting Colors

Hex(8C67AE)

Have a look what the booklet for  
Hex(8C67AE) contains.

|  |    |
|--|----|
| <b>Hex(8C67AE)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(8C67AE)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8C67AE                     |
| RGB           | 140, 103, 174              |
| RGB Percent   | 55%, 40%, 68%              |
| CMY           | 0.4510, 0.5961, 0.3176     |
| CMYK          | 0.20, 0.41, 0.00, 0.32     |
| HSL           | 271°, 30%, 54%             |
| HSV           | 271°, 41%, 68%             |
| XYZ           | 23.3054, 18.3319, 42.3545  |
| YIQ           | 122.1570, -0.7390, 29.9250 |

# Conversions

## Conversions Part 2

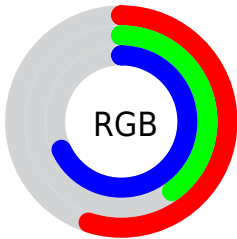
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 140, 103, 174                 |
| Decimal                             | 9201582                       |
| CIE <sub>Lab</sub>                  | 49.90, 28.92, -32.38          |
| CIE <sub>LCh</sub>                  | 50, 43.413, 311.763           |
| Y <sub>xy</sub>                     | 18.3319, 0.2775,<br>0.2183    |
| Android<br>(android.graphics.Color) | 4287391662<br>(0xFF8C67AE)    |
| YUV                                 | 122.1570, 25.5586,<br>15.6483 |
| Hunter-Lab                          | 42.8158, 22.2332,<br>-28.6801 |

# Details

The Hex color **8C67AE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89AE67**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C39BE6**, and **583779** is the 20% darker color. If you saturate the color by 10%, you get **8456AE**, and if you desaturate by 10%, it is **9478AE**.

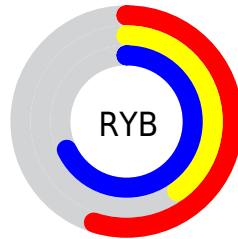
# Distribution



Red (55%)

Green (40%)

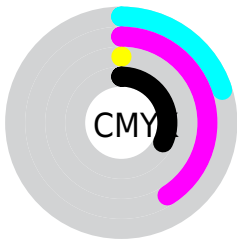
Blue (68%)



Red (55%)

Yellow (40%)

Blue (68%)

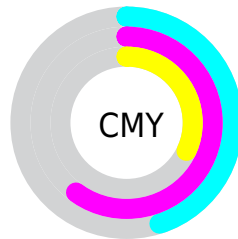


Cyan (20%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (60%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C67AE 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 8C67AE by changing the saturation by 10% instead.



8C67AE

8C67AE

FFFFFF

724E93

C39BE6

583779

DFB6FF

3F2060

FCD1FF

270A48

FFEEFF

160031

00011B

000000

8C67AE

8C67AE

8456AE

9478AE

7B44AE

9D8AAE

7333AE

A59BAE

6B21AE

ADADAE

6210AE

B6BEAE

5B00AE

BECFAE

C6E1AE

CFF2AE

D7FFAE

# Harmonies

## Analogous

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



4F76BF



8C67AE



AF5A8F

# Triad

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



8C67AE



9E6D2F



008985

# Complementary

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



8C67AE



89AE67

# 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.



0A875E



8C67AE



7E792A

# Square

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



8C67AE



B45F47



55823D



0087A7

# Rectangle

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



8C67AE



B95676



55823D



008978



# Sweetspot

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



8C67AE



D6C8E3



6789AE



6B6373



F2F2F2



737373



# Same Dimension

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



8C67AE



AE74E3



AE67AD



534E57



4E0096



0C0017



# Inverse Universe

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



AE6789



E374A9



67AE68



574E52



960048



17000B



# Previews

## White Background



This preview shows how the Hex color 8C67AE looks on a white background.

## Color Contrast Check

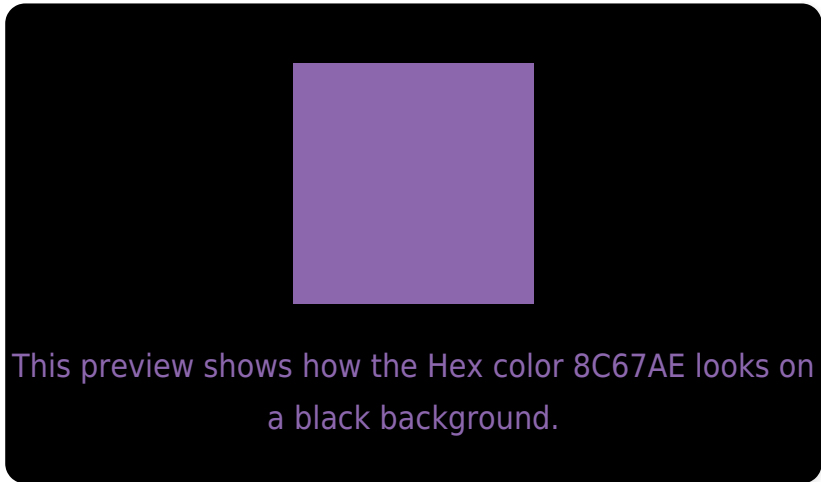
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

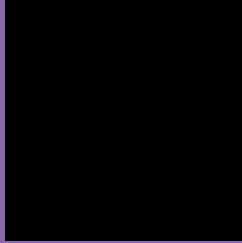
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C67AE Background



This preview shows how black text looks on a background with the Hex color 8C67AE.

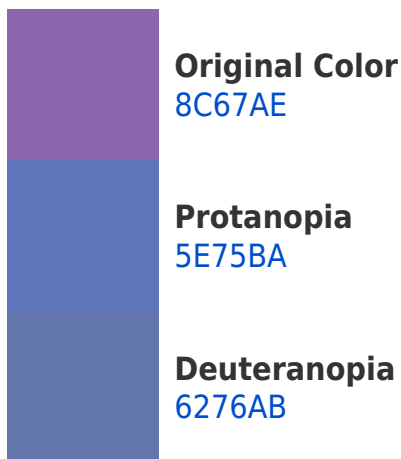


This preview shows how white text looks on a background with the Hex color 8C67AE.

# 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](#).

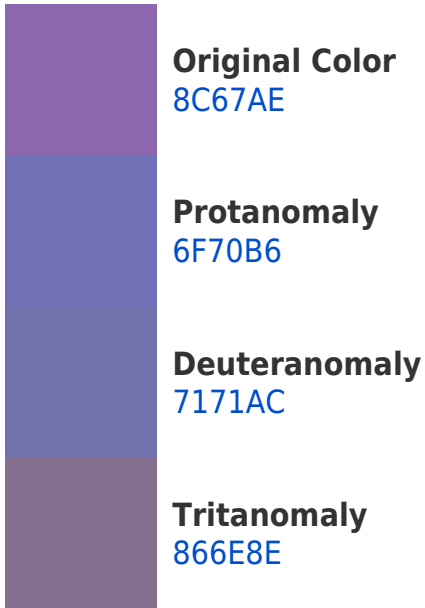
## Dichromacy



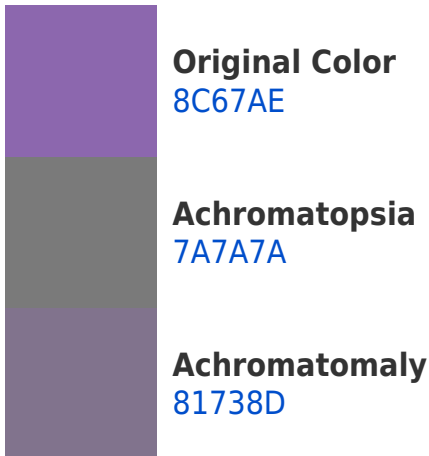


**Tritanopia**  
83727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C67AE 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 #8C67AE looks like.

```
.text, #text, p{  
    color:#8C67AE  
}
```

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 #8C67AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C67AE
}
```

## Border

The CSS property to change the border of an element to Hex 8C67AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

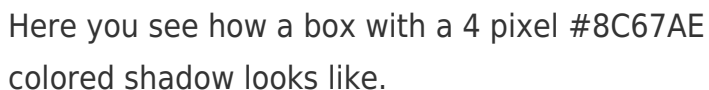
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C67AE }
```

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

```
.border{ border-color:#8C67AE }
```

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



Here you see how a box with a 4 pixel #8C67AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C67AE; -webkit-box-shadow:4px 4px  
4px 4px #8C67AE; box-shadow:4px 4px 4px  
4px #8C67AE }
```

# Background

The CSS property to change the background color of an element to Hex 8C67AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C67AE }
```

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

```
.background{ background-color:#8C67AE }
```

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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