

# Converting Colors

Hex(8847AD)

Have a look what the booklet for  
Hex(8847AD) contains.

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# Color

**Hex(8847AD)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8847AD                    |
| RGB           | 136, 71, 173              |
| RGB Percent   | 53%, 28%, 68%             |
| CMY           | 0.4667, 0.7216, 0.3216    |
| CMYK          | 0.21, 0.59, 0.00, 0.32    |
| HSL           | 278°, 42%, 48%            |
| HSV           | 278°, 59%, 68%            |
| XYZ           | 19.9494, 12.7578, 40.9462 |
| YIQ           | 102.0630, 5.9980, 45.5020 |

# Conversions

## Conversions Part 2

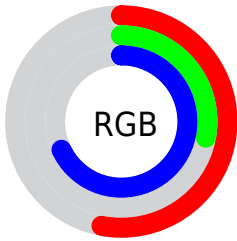
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 71, 173                  |
| Decimal                             | 8931245                       |
| CIE <sub>Lab</sub>                  | 42.40, 45.44, -43.68          |
| CIE <sub>LCh</sub>                  | 42, 63.026, 316.131           |
| Yxy                                 | 12.7578, 0.2709,<br>0.1732    |
| Android<br>(android.graphics.Color) | 4287121325<br>(0xFF8847AD)    |
| YUV                                 | 102.0630, 34.9719,<br>29.7627 |
| Hunter-Lab                          | 35.7181, 37.1897,<br>-42.9656 |

# Details

The Hex color **8847AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6CAD47**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C07AE5**, and **531378** is the 20% darker color. If you saturate the color by 10%, you get **8236AD**, and if you desaturate by 10%, it is **8E58AD**.

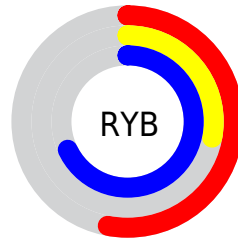
# Distribution



Red (53%)

Green (28%)

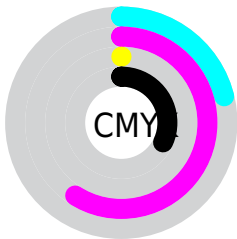
Blue (68%)



Red (53%)

Yellow (28%)

Blue (68%)

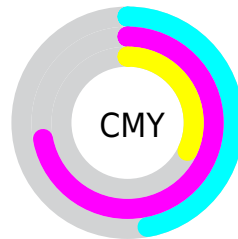


Cyan (21%)

Magenta (59%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (72%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8847AD 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 8847AD by changing the saturation by 10% instead.



8847AD

8847AD

FFFFFF

6D2E92

C07AE5

531378

DC95FF

38005F

FAB1FF

200046

FFCCFF

00002F

FFE9FF

000119

000000

8847AD

8847AD

8236AD

8E58AD

 7B24AD

 956AAD

 7513AD

 9B7BAD

 6F02AD

 A18CAD

 6E00AD

 A79EAD

 AEAFFAD

 B4C0AD

 BAD1AD

 C0E3AD

# Harmonies

## Analogous

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



0161C9



8847AD



B3297E

# Triad

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



8847AD



8D5900



007B80

# Complementary

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



8847AD



6CAD47

# 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.



007949



8847AD



606A00

# Square

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



8847AD



AF3F18



15740E



0079AF

# Rectangle

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



8847AD



BE215C



15740E



007B6E



# Sweetspot

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



8847AD



D2B8E0



476CAD



675870



F0F0F0



707070



# Same Dimension

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



8847AD



A741E0



AD479F



544E57



600096



0F0017



# Inverse Universe

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



AD476C



E0417B



47AD55



574E51



960037



170008



# Previews

## White Background



This preview shows how the Hex color 8847AD looks on a white background.

## Color Contrast Check

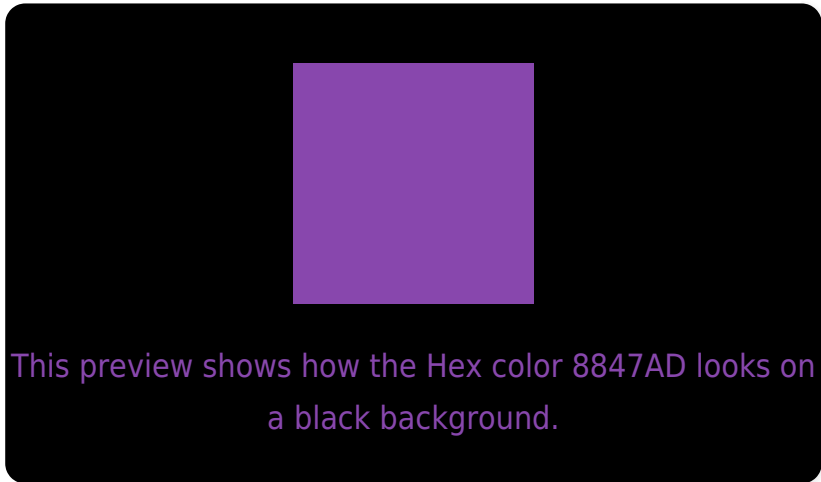
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

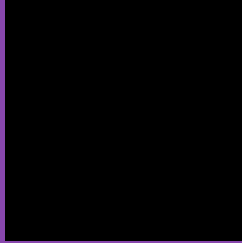
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8847AD Background



This preview shows how black text looks on a background with the Hex color 8847AD.

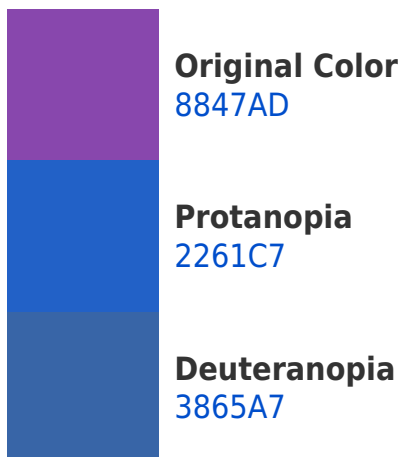



This preview shows how white text looks on a background with the Hex color 8847AD.

# 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](#).

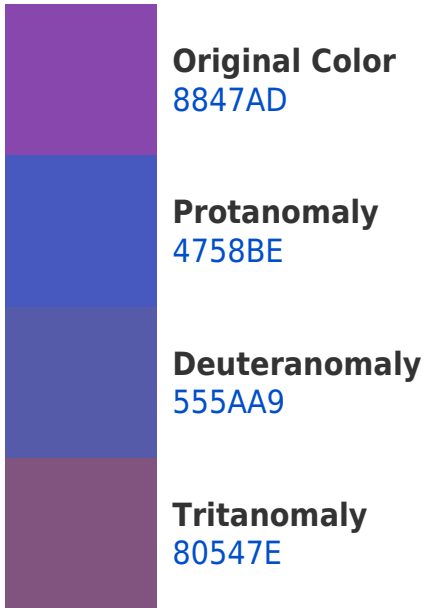
## Dichromacy



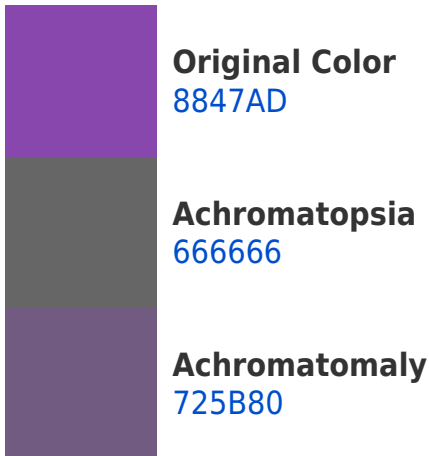


**Tritanopia**  
7C5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8847AD 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 #8847AD looks like.

```
.text, #text, p{  
    color:#8847AD  
}
```

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 #8847AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8847AD
}
```

## Border

The CSS property to change the border of an element to Hex 8847AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

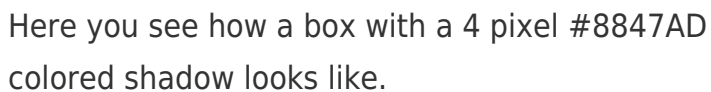
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8847AD }
```

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

```
.border{ border-color:#8847AD }
```

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



Here you see how a box with a 4 pixel #8847AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8847AD; -webkit-box-shadow:4px 4px  
4px 4px #8847AD; box-shadow:4px 4px 4px  
4px #8847AD }
```

# Background

The CSS property to change the background color of an element to Hex 8847AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8847AD }
```

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

```
.background{ background-color:#8847AD }
```

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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