

# Converting Colors

Hex(8643AD)

Have a look what the booklet for  
Hex(8643AD) contains.

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# Color

**Hex(8643AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8643AD
RGB	134, 67, 173
RGB Percent	53%, 26%, 68%
CMY	0.4745, 0.7373, 0.3216
CMYK	0.23, 0.61, 0.00, 0.32
HSL	278°, 44%, 47%
HSV	278°, 61%, 68%
XYZ	19.3815, 12.0998, 40.8491
YIQ	99.1170, 5.9060, 47.1700

# Conversions

## Conversions Part 2

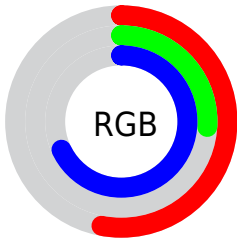
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 67, 173
Decimal	8799149
CIELab	41.37, 46.99, -45.33
CIELCh	41, 65.290, 316.036
Yxy	12.0998, 0.2680, 0.1673
Android (android.graphics.Color)	4286989229 (0xFF8643AD)
YUV	99.1170, 36.4243, 30.5924
Hunter-Lab	34.7847, 38.5841, -45.2774

# Details

The Hex color **8643AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6AAD43**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BE77E5**, and **500C78** is the 20% darker color. If you saturate the color by 10%, you get **8032AD**, and if you desaturate by 10%, it is **8C54AD**.

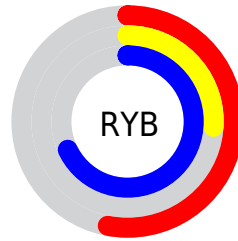
# Distribution



Red (53%)

Green (26%)

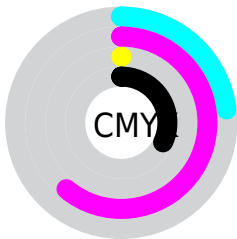
Blue (68%)



Red (53%)

Yellow (26%)

Blue (68%)

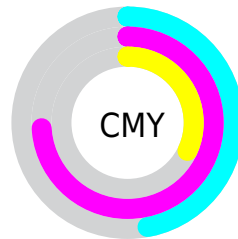


Cyan (23%)

Magenta (61%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (74%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8643AD 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 8643AD by changing the saturation by 10% instead.



8643AD

8643AD

FFFFFF

6B2992

BE77E5

500C78

DB91FF

36005E

F8ADFF

1E0046

FFC8FF

00002F

FFE5FF

000119

000000

8643AD

8643AD

8032AD

8C54AD

 7920AD

 9366AD

 730FAD

 9977AD

 6D00AD

 9F88AD

 A69AAD

 ACABAD

 B3BCAD

 B9CDAD

 BFD FAD

# Harmonies

## Analogous

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



005FCA



8643AD



B3207D

# Triad

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



8643AD



8B5600



00797E

# Complementary

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



8643AD



6AAD43

# 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.



007746



8643AD



5C6800

# Square

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



8643AD



AE3B12



057203



0077AE

# Rectangle

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



8643AD



BD1459



057203



00786B



# Sweetspot

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



8643AD



D2B8E0



436CAD



675870



F0F0F0



707070



# Same Dimension

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



8643AD



A33AE0



AD43A1



544E57



5F0096



0F0017



# Inverse Universe

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



AD436A



E03A77



43AD4F



574E51



960037



170008



# Previews

## White Background



This preview shows how the Hex color 8643AD 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

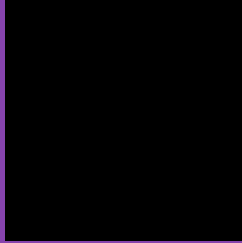
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8643AD Background



This preview shows how black text looks on a background with the Hex color 8643AD.

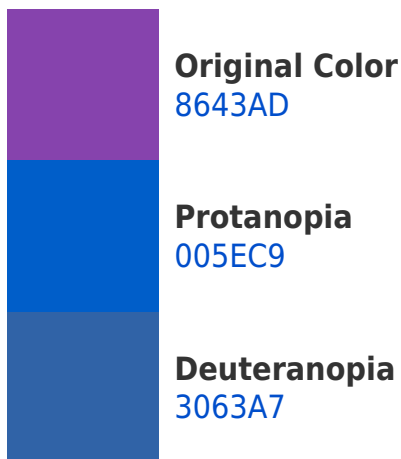



This preview shows how white text looks on a background with the Hex color 8643AD.

# 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](#).

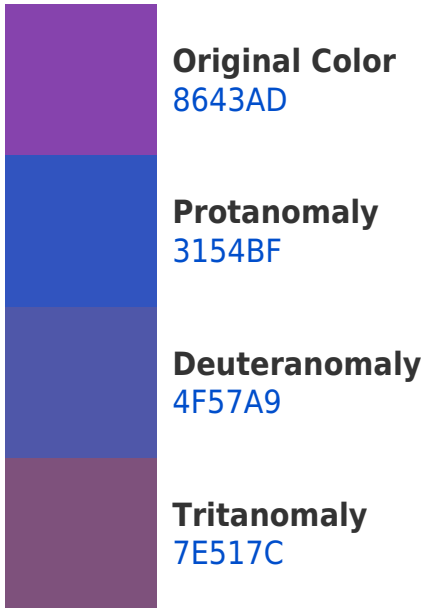
## Dichromacy



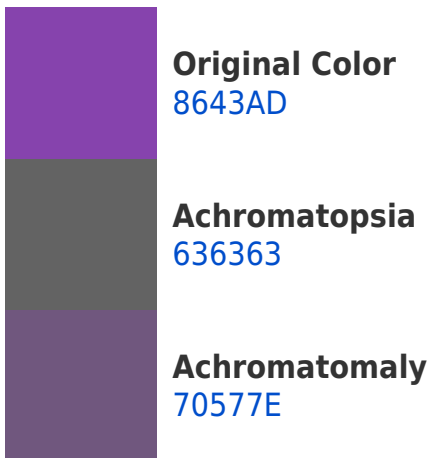


**Tritanopia**  
7A5960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8643AD 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 #8643AD looks like.

```
.text, #text, p{  
    color:#8643AD  
}
```

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 #8643AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8643AD
}
```

## Border

The CSS property to change the border of an element to Hex 8643AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

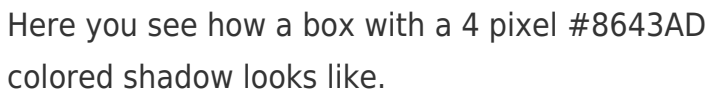
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8643AD }
```

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

```
.border{ border-color:#8643AD }
```

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



Here you see how a box with a 4 pixel #8643AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8643AD; -webkit-box-shadow:4px 4px  
4px 4px #8643AD; box-shadow:4px 4px 4px  
4px #8643AD }
```

# Background

The CSS property to change the background color of an element to Hex 8643AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8643AD }
```

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

```
.background{ background-color:#8643AD }
```

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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