

# Converting Colors

Hex(845497)

Have a look what the booklet for  
Hex(845497) contains.

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# Color

**Hex(845497)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845497
RGB	132, 84, 151
RGB Percent	52%, 33%, 59%
CMY	0.4824, 0.6706, 0.4078
CMYK	0.13, 0.44, 0.00, 0.41
HSL	283°, 29%, 46%
HSV	283°, 44%, 59%
XYZ	18.2720, 13.4805, 30.9171
YIQ	105.9900, 7.1010, 31.0130

# Conversions

## Conversions Part 2

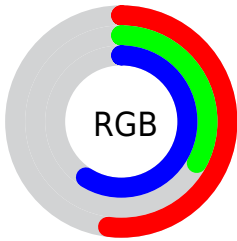
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 84, 151
Decimal	8672407
CIE <sub>Lab</sub>	43.48, 32.20, -28.91
CIE <sub>LCh</sub>	43, 43.269, 318.084
Yxy	13.4805, 0.2916, 0.2151
Android (android.graphics.Color)	4286862487 (0xFF845497)
YUV	105.9900, 22.1899, 22.8108
Hunter-Lab	36.7159, 24.5793, -24.2249

# Details

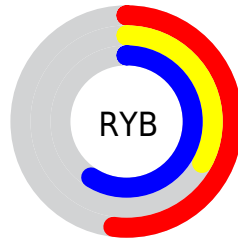
The Hex color **845497** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679754**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BA87CE**, and **512464** is the 20% darker color. If you saturate the color by 10%, you get **804597**, and if you desaturate by 10%, it is **886397**.

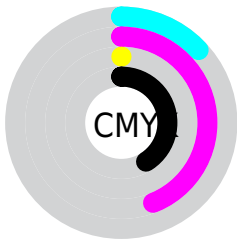
# Distribution



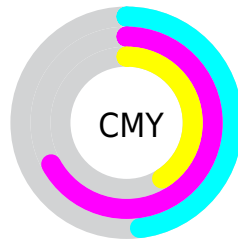
- Red (52%)
- Green (33%)
- Blue (59%)



- Red (52%)
- Yellow (33%)
- Blue (59%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (67%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845497 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 845497 by changing the saturation by 10% instead.



845497

845497

FFFFFF

6A3C7D

BA87CE

512464

D6A1EA

380D4B

F3BDFF

220035

FFD9FF

00001F

FFF5FF

000001

000000

845497

845497

804597

886397

7B3697

8D7297

772797

918197

731897

959097

6F0997

99A097

6C0097

9EAF97

A2BE97

A6CD97

ABDC97

# Harmonies

## Analogous

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



4E63AB



845497



A14877

# Triad

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



845497



86601C



00787C

# Complementary

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



845497



679754

# 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.



007757



845497



656C1C

# Square

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



845497



9E5232



3B7334



00769B

# Rectangle

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



845497



A8465E



3B7334



007870



# Sweetspot

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



845497



BDABC4



546897



5F5463



E3E3E3



636363



# Same Dimension

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



845497



A75CC4



97548A



4A454D



64008C



09000D



# Inverse Universe

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



975467



C45C7A



549761



4D4547



8C0028

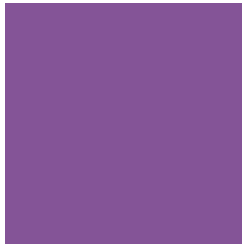


0D0004



# Previews

## White Background



This preview shows how the Hex color 845497 looks on a white background.

## Color Contrast Check

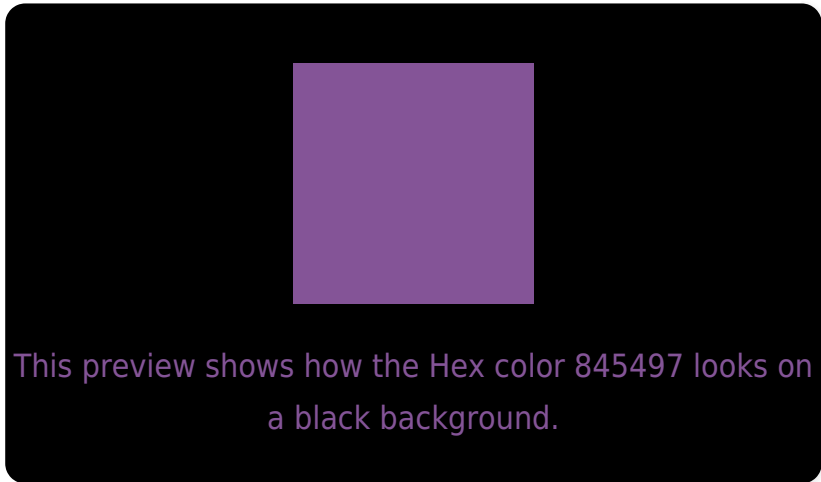
Large Text (above 18pt) WCAG AA ✓ Pass

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

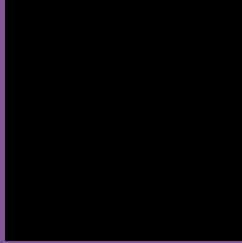
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 845497 Background



This preview shows how black text looks on a background with the Hex color 845497.

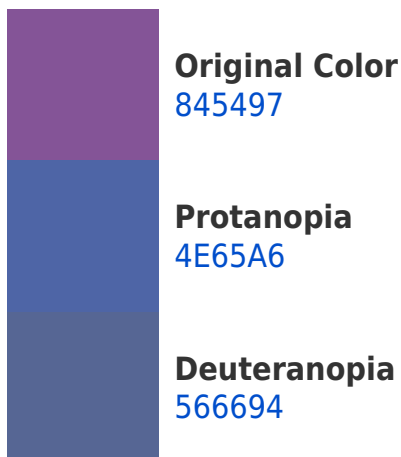


This preview shows how white text looks on a background with the Hex color 845497.

# 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**  
7D5F66

# Trichromacy



**Original Color**  
845497

**Protanomaly**  
625FA1

**Deuteranomaly**  
675F95

**Tritanomaly**  
805B78

# Monochromacy



**Original Color**  
845497

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
73627A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845497 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 #845497 looks like.

```
.text, #text, p{  
    color:#845497  
}
```

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 #845497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845497
}
```

## Border

The CSS property to change the border of an element to Hex 845497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

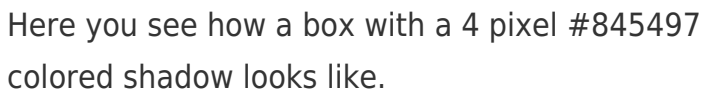
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845497 }
```

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

```
.border{ border-color:#845497 }
```

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



Here you see how a box with a 4 pixel #845497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845497; -webkit-box-shadow:4px 4px  
4px 4px #845497; box-shadow:4px 4px 4px  
4px #845497 }
```

# Background

The CSS property to change the background color of an element to Hex 845497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845497 }
```

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

```
.background{ background-color:#845497 }
```

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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