

# Converting Colors

Hex(845AB2)

Have a look what the booklet for  
Hex(845AB2) contains.

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# Color

**Hex(845AB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845AB2
RGB	132, 90, 178
RGB Percent	52%, 35%, 70%
CMY	0.4824, 0.6471, 0.3020
CMYK	0.26, 0.49, 0.00, 0.30
HSL	269°, 36%, 53%
HSV	269°, 49%, 70%
XYZ	21.2078, 15.4322, 43.9804
YIQ	112.5900, -3.2160, 36.2720

# Conversions

## Conversions Part 2

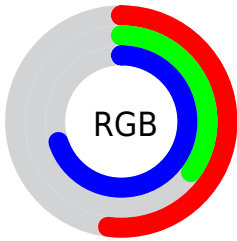
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 90, 178
Decimal	8673970
CIE <sub>Lab</sub>	46.22, 35.07, -40.56
CIE <sub>LCh</sub>	46, 53.625, 310.847
Yxy	15.4322, 0.2631, 0.1914
Android (android.graphics.Color)	4286864050 (0xFF845AB2)
YUV	112.5900, 32.2471, 17.0226
Hunter-Lab	39.2839, 27.6182, -38.8797

# Details

The Hex color **845AB2** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88B25A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BB8DEA**, and **4F2A7D** is the 20% darker color. If you saturate the color by 10%, you get **7B48B2**, and if you desaturate by 10%, it is **8D6CB2**.

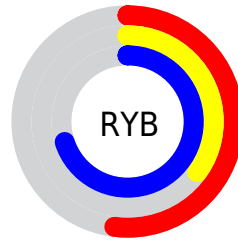
# Distribution



Red (52%)

Green (35%)

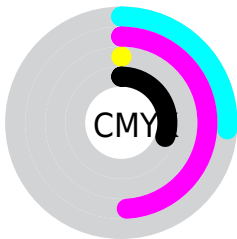
Blue (70%)



Red (52%)

Yellow (35%)

Blue (70%)

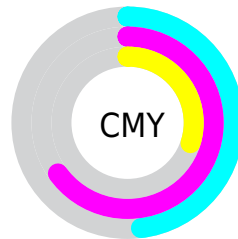


Cyan (26%)

Magenta (49%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (65%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845AB2 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 845AB2 by changing the saturation by 10% instead.



845AB2

845AB2

FFFFFF

694297

BB8DEA

4F2A7D

D7A8FF

361363

F4C3FF

1C004B

FFE0FF

000034

FFFCFF

00021D

000000

845AB2

845AB2

7B48B2

8D6CB2

7136B2

977EB2

6825B2

A08FB2

5F13B2

A9A1B2

5501B2

B3B3B2

5500B2

BCC5B2

C5D7B2

CEE8B2

D8FAB2

# Harmonies

## Analogous

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



226DC6



845AB2



AF468C

# Triad

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



845AB2



9B610E



00827D

# Complementary

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



845AB2



88B25A

# 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.



00814E



845AB2



747100

# Square

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



845AB2



B54D35



427B23



0081A7

# Rectangle

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



845AB2



BC406E



427B23



00826D



# Sweetspot

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



845AB2



D6C5E8



5A89B2



6A6075



F5F5F5



757575



# Same Dimension

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



845AB2



A05FE8



AF5AB2



555059



490099



0C001A



# Inverse Universe

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



B25A88



E85FA7



5DB25A



595055



990050

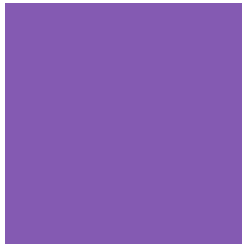


1A000D



# Previews

## White Background



This preview shows how the Hex color 845AB2 looks on a white background.

## Color Contrast Check

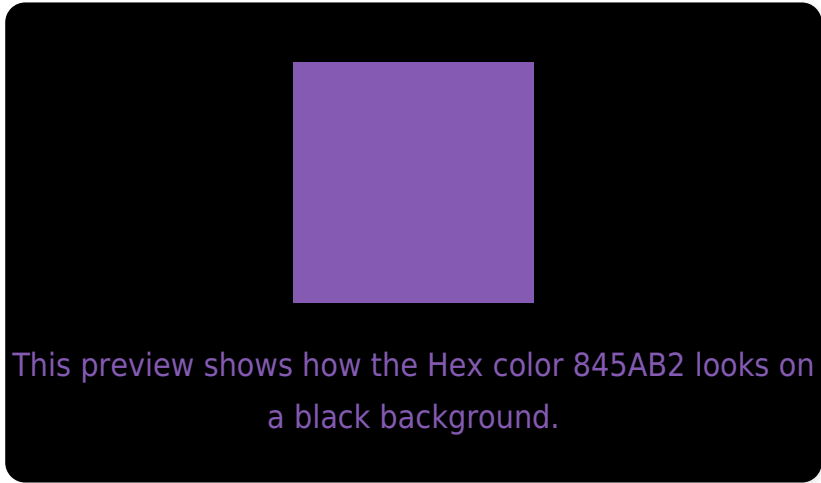
Large Text (above 18pt) WCAG AA ✓ Pass

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

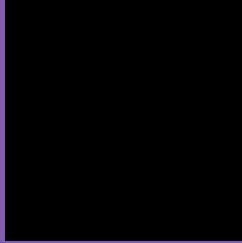
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 845AB2 Background



This preview shows how black text looks on a background with the Hex color 845AB2.

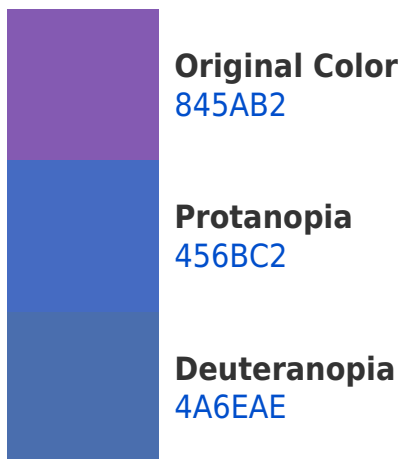


This preview shows how white text looks on a background with the Hex color 845AB2.

# 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](#).

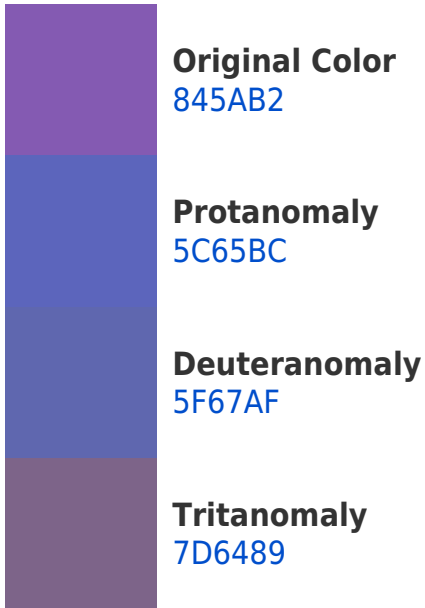
## Dichromacy



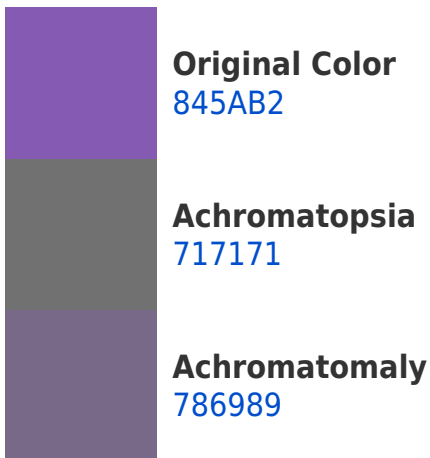


**Tritanopia**  
796972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845AB2 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 #845AB2 looks like.

```
.text, #text, p{  
    color:#845AB2  
}
```

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 #845AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845AB2
}
```

## Border

The CSS property to change the border of an element to Hex 845AB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

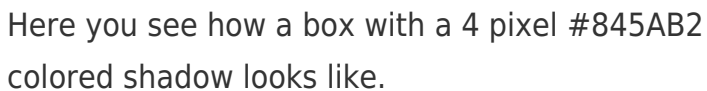
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845AB2 }
```

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

```
.border{ border-color:#845AB2 }
```

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



Here you see how a box with a 4 pixel #845AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845AB2; -webkit-box-shadow:4px 4px  
4px 4px #845AB2; box-shadow:4px 4px 4px  
4px #845AB2 }
```

# Background

The CSS property to change the background color of an element to Hex 845AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845AB2 }
```

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

```
.background{ background-color:#845AB2 }
```

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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