

# Converting Colors

Hex(843BBE)

Have a look what the booklet for  
Hex(843BBE) contains.

<b>Hex(843BBE)</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(843BBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843BBE
RGB	132, 59, 190
RGB Percent	52%, 23%, 75%
CMY	0.4824, 0.7686, 0.2549
CMYK	0.31, 0.69, 0.00, 0.25
HSL	273°, 53%, 49%
HSV	273°, 69%, 75%
XYZ	20.3739, 11.7512, 49.9096
YIQ	95.7610, 1.4570, 56.2170

# Conversions

## Conversions Part 2

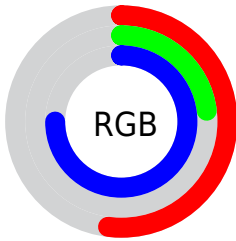
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 59, 190</a>
Decimal	<a href="#">8666046</a>
CIELab	<a href="#">40.82, 54.33, -56.25</a>
CIElCh	<a href="#">41, 78.202, 314.009</a>
Yxy	<a href="#">11.7512, 0.2484, 0.1432</a>
Android (android.graphics.Color)	<a href="#">4286856126 (0xFF843BBE)</a>
YUV	<a href="#">95.7610, 46.4598, 31.7816</a>
Hunter-Lab	<a href="#">34.2800, 46.0997, -62.3267</a>

# Details

The Hex color **843BBE** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **75BE3B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BD70F7**, and **4C0088** is the 20% darker color. If you saturate the color by 10%, you get **7C28BE**, and if you desaturate by 10%, it is **8C4EBE**.

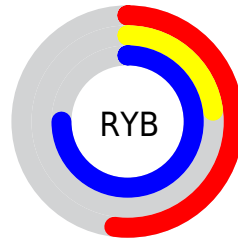
# Distribution



Red (52%)

Green (23%)

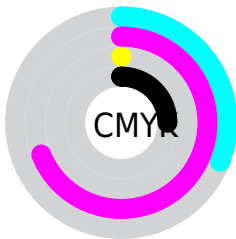
Blue (75%)



Red (52%)

Yellow (23%)

Blue (75%)

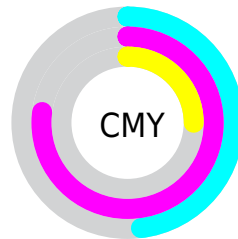


Cyan (31%)

Magenta (69%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (77%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843BBE 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 843BBE by changing the saturation by 10% instead.



 843BBE

 843BBE

FFFFFF

 681FA2

 BD70F7

 4C0088

 DA8AFF

 2F006D

 F8A6FF

 140055

 FFC2FF

 00003C

 FFDEFF

 000225

 FFFCFF

 00010E

 000000

 843BBE

 843BBE

7C28BE

8C4EBE

7315BE

9561BE

6B02BE

9D74BE

6A00BE

A687BE

AE9ABE

B6ADBE

BFC0BE

C7D3BE

D0E6BE

# Harmonies

## Analogous

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



005FDF



843BBE



BD0085

# Triad

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



843BBE



925000



007A7E

# Complementary

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



843BBE



75BE3B

# 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.



00783A



843BBE



5B6700

# Square

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



843BBE



B92600



007200



0079B9

# Rectangle

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



843BBE



CB005B



007200



007968



# Sweetspot

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



843BBE



E0C3F7



3B76BE



6F5E7D



FCFCFC



7D7D7D



# Same Dimension

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



843BBE



9C2AF7



BE3BB7



5A555E



58009E



11001F



# Inverse Universe

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



BE3B75



F72A85



3BBE42



5E5559



9E0046

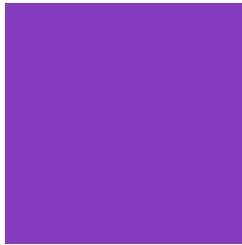


1F000E



# Previews

## White Background



This preview shows how the Hex color 843BBE looks on a white background.

## Color Contrast Check

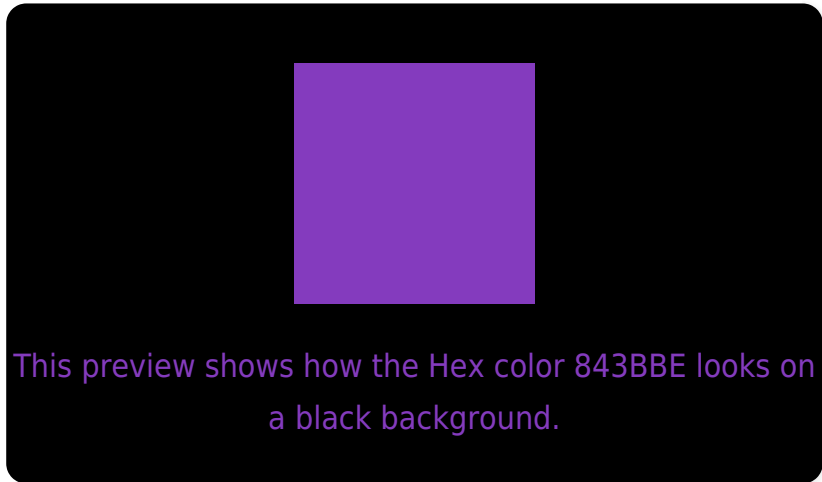
Large Text (above 18pt) WCAG AA ✓ Pass

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

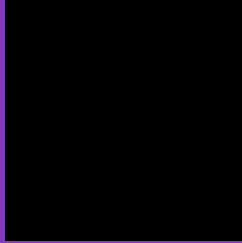
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843BBE Background



This preview shows how black text looks on a background with the Hex color 843BBE.

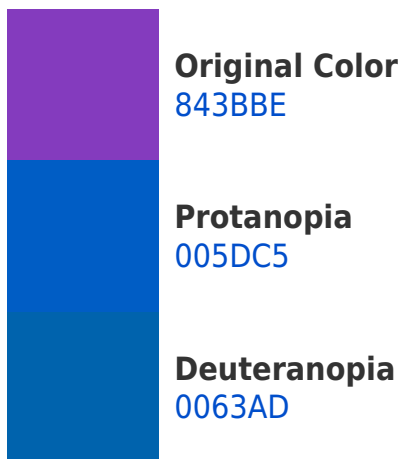



This preview shows how white text looks on a background with the Hex color 843BBE.

# 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](#).

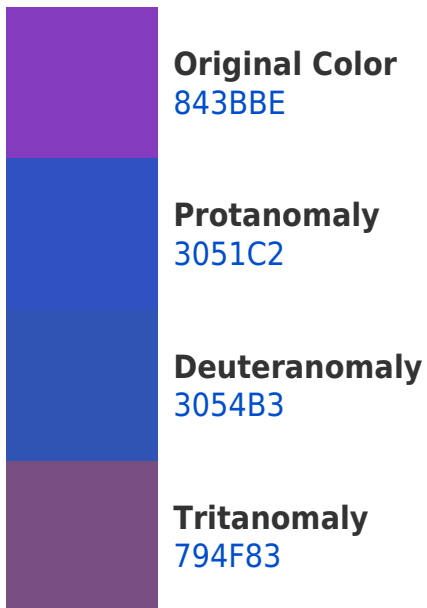
## Dichromacy



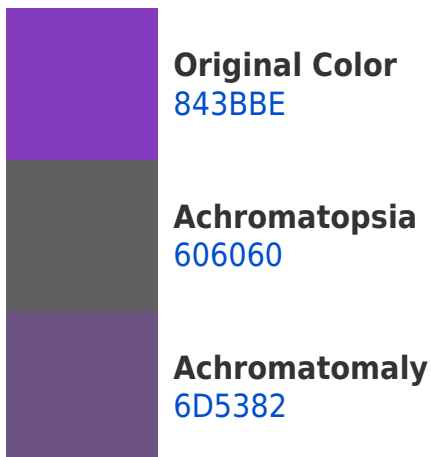


**Tritanopia**  
735A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843BBE 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 #843BBE looks like.

```
.text, #text, p{  
    color:#843BBE  
}
```

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 #843BBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843BBE
}
```

## Border

The CSS property to change the border of an element to Hex 843BBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

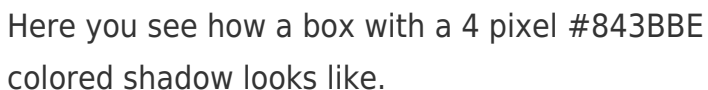
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843BBE }
```

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

```
.border{ border-color:#843BBE }
```

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



Here you see how a box with a 4 pixel #843BBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843BBE; -webkit-box-shadow:4px 4px  
4px 4px #843BBE; box-shadow:4px 4px 4px  
4px #843BBE }
```

# Background

The CSS property to change the background color of an element to Hex 843BBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843BBE }
```

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

```
.background{ background-color:#843BBE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor