

# Converting Colors

Hex(843A80)

Have a look what the booklet for  
Hex(843A80) contains.

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**Color**

**Hex(843A80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843A80
RGB	132, 58, 128
RGB Percent	52%, 23%, 50%
CMY	0.4824, 0.7725, 0.4980
CMYK	0.00, 0.56, 0.03, 0.48
HSL	303°, 39%, 37%
HSV	303°, 56%, 52%
XYZ	14.9251, 9.4902, 21.4672
YIQ	88.1060, 21.6340, 37.4580

# Conversions

## Conversions Part 2

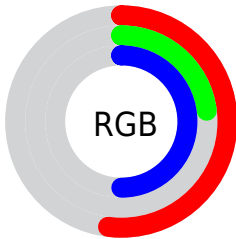
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 58, 128
Decimal	8665728
CIE <sub>Lab</sub>	36.91, 41.68, -25.18
CIE <sub>LCh</sub>	37, 48.698, 328.868
Yxy	9.4902, 0.3253, 0.2068
Android (android.graphics.Color)	4286855808 (0xFF843A80)
YUV	88.1060, 19.6677, 38.4950
Hunter-Lab	30.8061, 32.5697, -19.7519

# Details

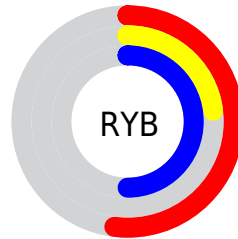
The Hex color **843A80** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A843E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BB6DB5**, and **50014E** is the 20% darker color. If you saturate the color by 10%, you get **842D7F**, and if you desaturate by 10%, it is **844781**.

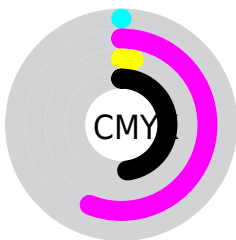
# Distribution



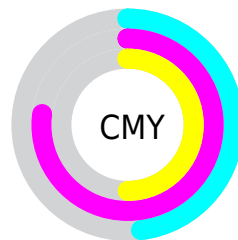
- Red (52%)
- Green (23%)
- Blue (50%)



- Red (52%)
- Yellow (23%)
- Blue (50%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (48%)



- Cyan (48%)
- Magenta (77%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843A80 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 843A80 by changing the saturation by 10% instead.



 843A80

 843A80

FFFFFF

 6A2067

 BB6DB5

 50014E

 D787D1

 370037

 F4A2ED

 210022

 FFBEFF

 000006

 FFDAFF

 000000

 FFF7FF

 843A80

 843A80

 842D7F

 844781

84207F

845481

84127E

846282

84057D

846F83

84007D

847C84

848984

849685

84A486

84B186

# Harmonies

## Analogous

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



524D9C



843A80



9A2D5A

# Triad

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



843A80



6A5500



00687C

# Complementary

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



843A80



3A843E

# 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.



006854



843A80



445F02

# Square

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



843A80



884510



00662C



00659A

# Rectangle

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



843A80



9C2F40



00662C



00696F



# Sweetspot

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



843A80



AB8EA9



3E3A84



574556



D6D6D6



575757



# Same Dimension

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



843A80



AB38A5



843A5B



423C42



82007B



030002



# Inverse Universe

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



843A80



AB38A5



3A8463



423C42



82007B

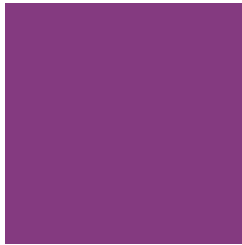


030002



# Previews

## White Background



This preview shows how the Hex color 843A80 looks on a white background.

## Color Contrast Check

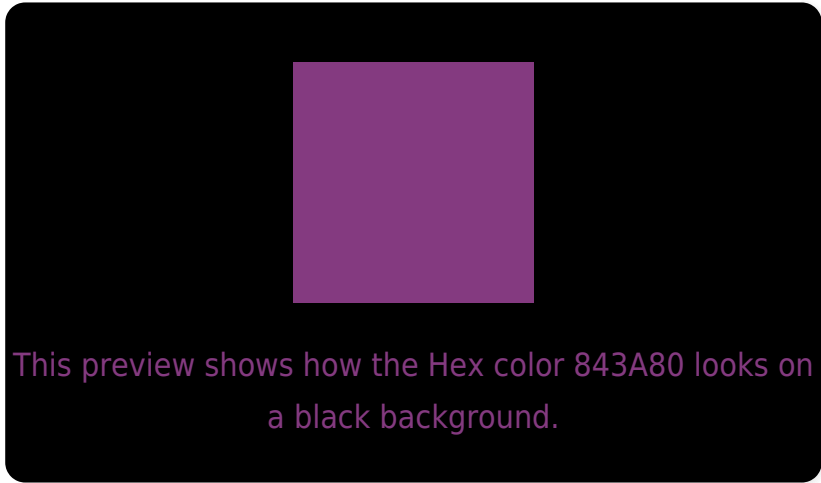
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

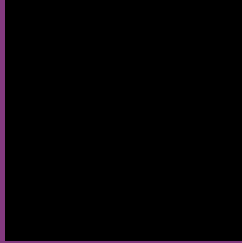
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843A80 Background



This preview shows how black text looks on a background with the Hex color 843A80.



This preview shows how white text looks on a background with the Hex color 843A80.

# 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



**Original Color**  
843A80

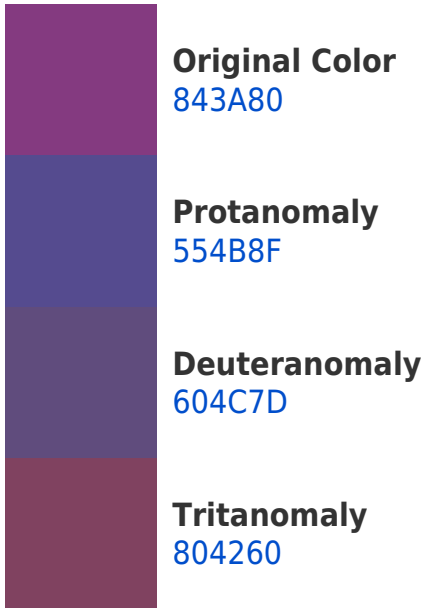
**Protanopia**  
3A5598

**Deuteranopia**  
4B577B

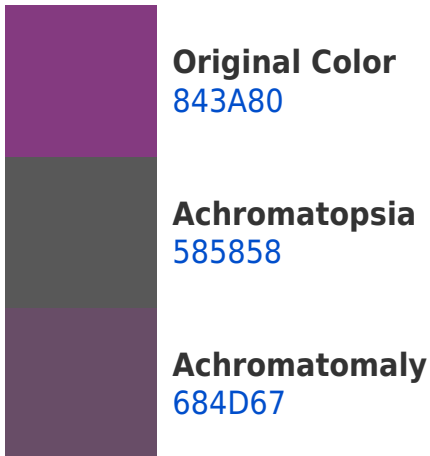


**Tritanopia**  
7E474D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843A80 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 #843A80 looks like.

```
.text, #text, p{  
    color:#843A80  
}
```

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 #843A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843A80
}
```

## Border

The CSS property to change the border of an element to Hex 843A80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

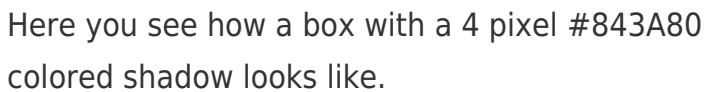
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843A80 }
```

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

```
.border{ border-color:#843A80 }
```

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



Here you see how a box with a 4 pixel #843A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843A80; -webkit-box-shadow:4px 4px  
4px 4px #843A80; box-shadow:4px 4px 4px  
4px #843A80 }
```

# Background

The CSS property to change the background color of an element to Hex 843A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843A80 }
```

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

```
.background{ background-color:#843A80 }
```

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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