

# Converting Colors

Hex(841BA0)

Have a look what the booklet for  
Hex(841BA0) contains.

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**Color**

**Hex(841BA0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 841BA0                    |
| RGB           | 132, 27, 160              |
| RGB Percent   | 52%, 11%, 63%             |
| CMY           | 0.4824, 0.8941, 0.3725    |
| CMYK          | 0.17, 0.83, 0.00, 0.37    |
| HSL           | 287°, 71%, 37%            |
| HSV           | 287°, 83%, 63%            |
| XYZ           | 16.2528, 8.2275, 33.9891  |
| YIQ           | 73.5570, 19.8870, 63.6230 |

# Conversions

## Conversions Part 2

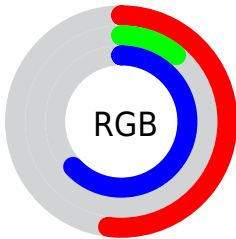
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 27, 160                  |
| Decimal                             | 8657824                       |
| CIE <sub>Lab</sub>                  | 34.45, 60.06, -48.69          |
| CIE <sub>LCh</sub>                  | 34, 77.312, 320.970           |
| Yxy                                 | 8.2275, 0.2780,<br>0.1407     |
| Android<br>(android.graphics.Color) | 4286847904<br>(0xFF841BA0)    |
| YUV                                 | 73.5570, 42.6164,<br>51.2545  |
| Hunter-Lab                          | 28.6836, 50.9463,<br>-50.1784 |

# Details

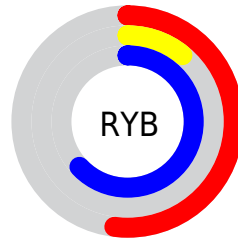
The Hex color **841BA0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **37A01B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BD56D8**, and **4D006B** is the 20% darker color. If you saturate the color by 10%, you get **810BA0**, and if you desaturate by 10%, it is **872BA0**.

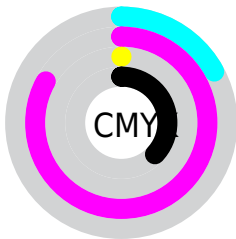
# Distribution



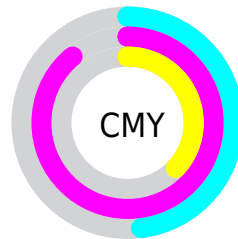
- Red (52%)
- Green (11%)
- Blue (63%)



- Red (52%)
- Yellow (11%)
- Blue (63%)



- Cyan (17%)
- Magenta (83%)
- Yellow (0%)
- Black (37%)



- Cyan (48%)
- Magenta (89%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 841BA0 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 841BA0 by changing the saturation by 10% instead.



841BA0

841BA0

FFFFFF

680085

BD56D8

4D006B

DA72F4

330053

F78DFF

17003B

FFA9FF

000224

FFC5FF

00000B

FFE2FF

000000

841BA0

841BA0

810BA0

872BA0

7E00A0

8B3BA0

8E4BA0

915BA0

956BA0

987BA0

9C8BA0

9F9BA0

A2ABA0

# Harmonies

## Analogous

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



004AC7



841BA0



B00066

# Triad

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



841BA0



734800



00697C

# Complementary

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



841BA0



37A01B

# 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.



00673C



841BA0



3A5B00

# Square

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



841BA0



9D2100



006300



0067B2

# Rectangle

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



841BA0



B6003E



006300



006867



# Sweetspot

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



841BA0



C69DD1



1B38A0



624969



E8E8E8



696969



# Same Dimension

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



841BA0



A500D1



A01B7A



4D474F



71008F



0C000F



# Inverse Universe

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



A01B37



D1002C



1BA041



4F4749



8F001E



0F0003



# Previews

## White Background



This preview shows how the Hex color 841BA0 looks on a white background.

## Color Contrast Check

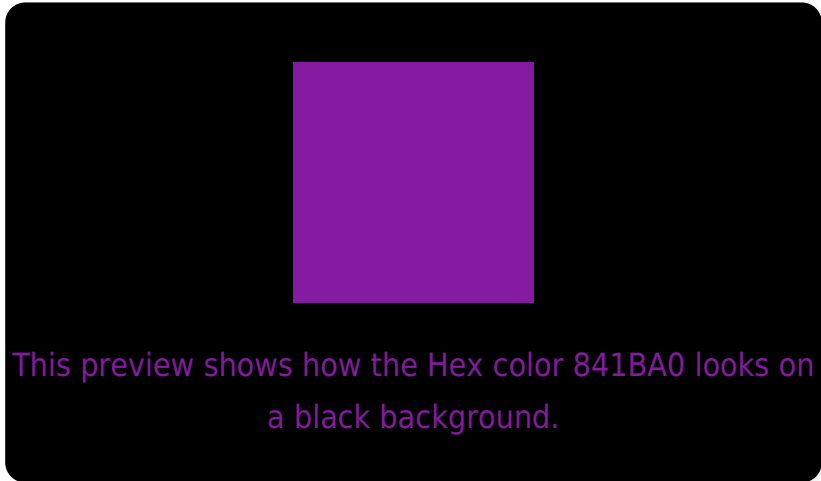
Large Text (above 18pt) WCAG AA ✓ Pass

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

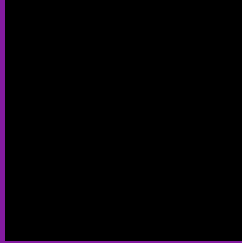
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 841BA0 Background



This preview shows how black text looks on a background with the Hex color 841BA0.



This preview shows how white text looks on a background with the Hex color 841BA0.

# 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**  
841BA0

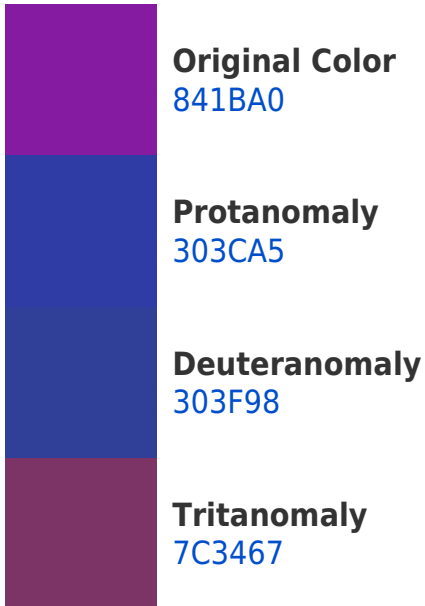
**Protanopia**  
004FA8

**Deuteranopia**  
005494

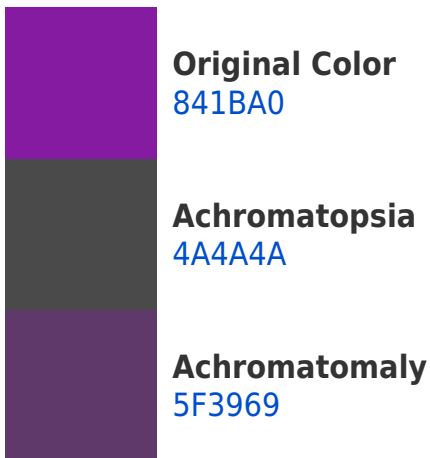


**Tritanopia**  
784247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 841BA0 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 #841BA0 looks like.

```
.text, #text, p{  
    color:#841BA0  
}
```

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 #841BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841BA0
}
```

## Border

The CSS property to change the border of an element to Hex 841BA0 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
#841BA0 }
```

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

```
.border{ border-color:#841BA0 }
```

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

Here you see how a box with a 4 pixel #841BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841BA0; -webkit-box-shadow:4px 4px  
4px 4px #841BA0; box-shadow:4px 4px 4px  
4px #841BA0 }
```

# Background

The CSS property to change the background color of an element to Hex 841BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841BA0 }
```

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

```
.background{ background-color:#841BA0 }
```

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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