

# Converting Colors

Hex(841BCD)

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

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# Color

**Hex(841BCD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	841BCD
RGB	132, 27, 205
RGB Percent	52%, 11%, 80%
CMY	0.4824, 0.8941, 0.1961
CMYK	0.36, 0.87, 0.00, 0.20
HSL	275°, 77%, 45%
HSV	275°, 87%, 80%
XYZ	20.9271, 10.0972, 58.6036
YIQ	78.6870, 5.4420, 77.6180

# Conversions

## Conversions Part 2

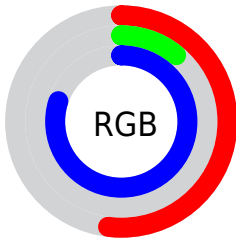
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 27, 205
Decimal	8657869
CIE <sub>Lab</sub>	38.02, 69.09, -69.55
CIE <sub>LCh</sub>	38, 98.039, 314.809
Yxy	10.0972, 0.2335, 0.1127
Android (android.graphics.Color)	4286847949 (0xFF841BCD)
YUV	78.6870, 62.2723, 46.7555
Hunter-Lab	31.7761, 61.9486, -87.1034

# Details

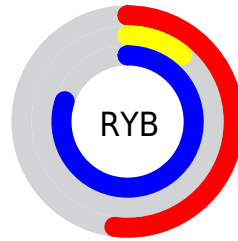
The Hex color **841BCD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **64CD1B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BF59FF**, and **480095** is the 20% darker color. If you saturate the color by 10%, you get **7C06CD**, and if you desaturate by 10%, it is **8C2FCD**.

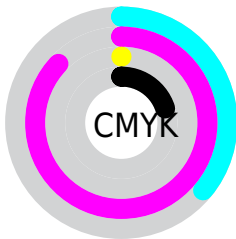
# Distribution



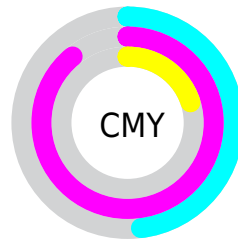
- Red (52%)
- Green (11%)
- Blue (80%)



- Red (52%)
- Yellow (11%)
- Blue (80%)



- Cyan (36%)
- Magenta (87%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (89%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 841BCD

 841BCD

FFFFFF

 6700B1

 BF59FF

 480095

 DD75FF

 27007B

 FB91FF

 000061

 FFADFF

 000048

 FFCAFF

 000430

 FFE7FF

 00011B

 000000

 841BCD

 841BCD

■ 7C06CD

■ 8C2FCD

■ 7900CD

■ 9544CD

■ 9D58CD

■ A66DCD

■ AE82CD

■ B696CD

■ BFABCD

■ C7BFCD

■ D0D3CD

# Harmonies

## Analogous

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



0059F8



841BCD



CB0085

# Triad

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



841BCD



8E4600



007581

# Complementary

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



841BCD



64CD1B

# 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.



00732B



841BCD



496200

# Square

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



841BCD



C00000



006E00



0076CB

# Rectangle

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



841BCD



D90051



006E00



007565



# Sweetspot

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



841BCD



E4BDFE



1B65CD



6F5880



000000



808080



# Same Dimension

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



841BCD



9600FF



CD1BBE



625C66



6200A6



170026



# Inverse Universe

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



CD1B64



FF0069



1BCD2A



665C60



A60044

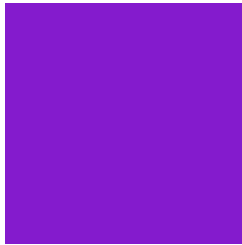


260010



# Previews

## White Background



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

## Color Contrast Check

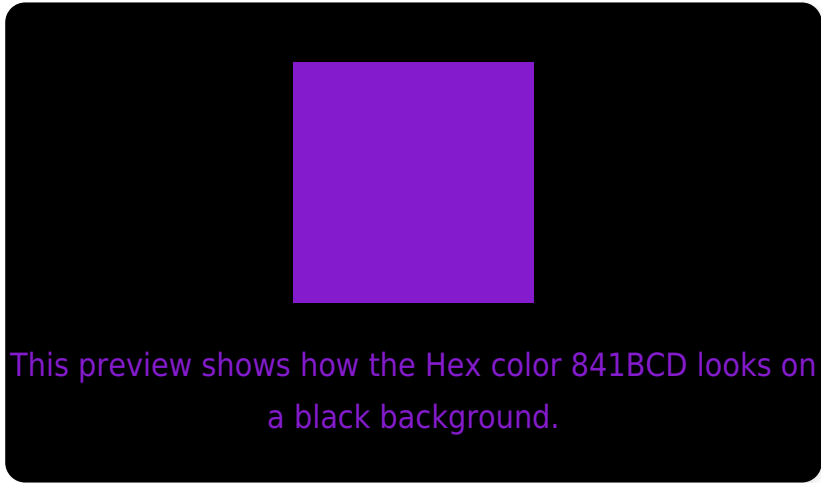
Large Text (above 18pt) WCAG AA ✓ Pass

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

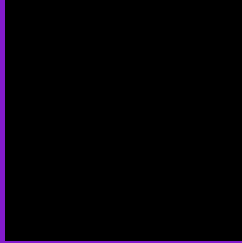
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 841BCD Background



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



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

# 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](#).

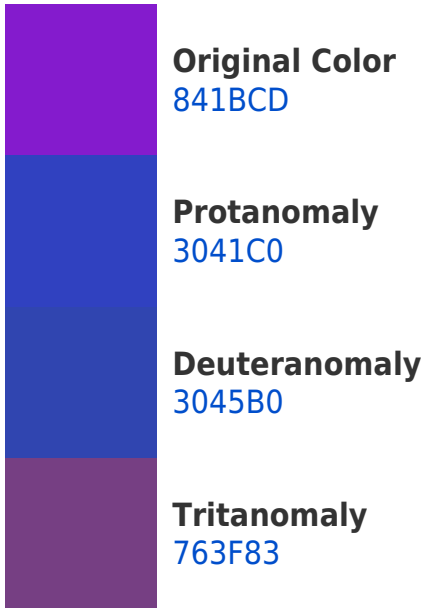
## Dichromacy



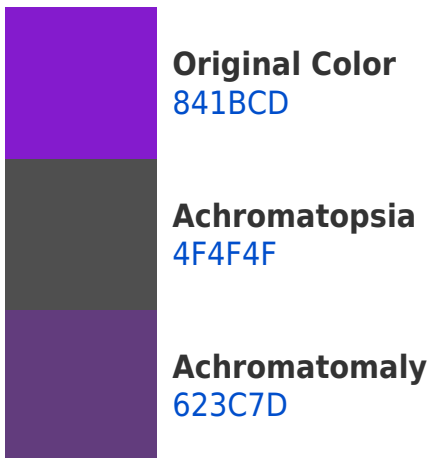


**Tritanopia**  
6E5359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #841BCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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