

# Converting Colors

Hex(843FD2)

Have a look what the booklet for  
Hex(843FD2) contains.

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**Color**

**Hex(843FD2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843FD2
RGB	132, 63, 210
RGB Percent	52%, 25%, 82%
CMY	0.4824, 0.7529, 0.1765
CMYK	0.37, 0.70, 0.00, 0.18
HSL	268°, 62%, 54%
HSV	268°, 70%, 82%
XYZ	22.9261, 13.1137, 62.2956
YIQ	100.3890, -6.0630, 60.3450

# Conversions

## Conversions Part 2

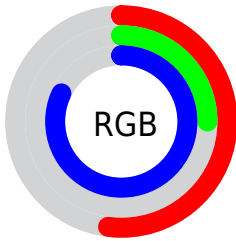
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 63, 210
Decimal	8667090
CIE <sub>Lab</sub>	42.93, 57.22, -64.42
CIE <sub>LCh</sub>	43, 86.164, 311.610
Yxy	13.1137, 0.2331, 0.1334
Android (android.graphics.Color)	4286857170 (0xFF843FD2)
YUV	100.3890, 54.0382, 27.7228
Hunter-Lab	36.2128, 49.6346, -76.6455

# Details

The Hex color **843FD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **8DD23F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BE74FF**, and **4A009A** is the 20% darker color. If you saturate the color by 10%, you get **792AD2**, and if you desaturate by 10%, it is **8F54D2**.

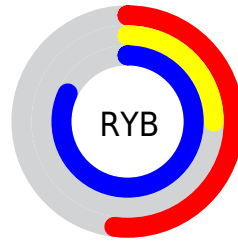
# Distribution



Red (52%)

Green (25%)

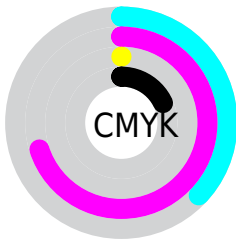
Blue (82%)



Red (52%)

Yellow (25%)

Blue (82%)

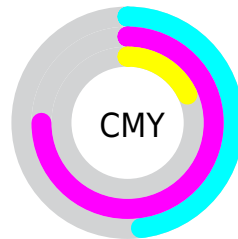


Cyan (37%)

Magenta (70%)

Yellow (0%)

Black (18%)



Cyan (48%)

Magenta (75%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843FD2 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 843FD2 by changing the saturation by 10% instead.



 843FD2

 843FD2

FFFFFF

 6724B6

 BE74FF

 4A009A

 DC8FFF

 2A0080

 FAAAFF


 000066


 FFC6FF

 00004D

 FFE3FF

 000535

 00021F

 000001

 000000

■ 843FD2

■ 843FD2

■ 792AD2

■ 8F54D2

■ 6E15D2

■ 9A69D2

■ 6300D2

■ A57ED2

■ B193D2

■ BCA8D2

■ C7BDD2

■ D2D2D2

■ DDE7D2

■ E8FCD2

# Harmonies

## Analogous

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



0067F4



843FD2



C90094

# Triad

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



843FD2



9F5100



008180

# Complementary

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



843FD2



8DD23F

# 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.



007F34



843FD2



636B00

# Square

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



843FD2



CA1700



007900



0081C4

# Rectangle

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



843FD2



DA0065



007900



008068



# Sweetspot

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



843FD2



E3C9FF



3F8DD2



6F6080



000000



808080



# Same Dimension

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



843FD2



8D29FF



CD3FD2



635E69



4F00A8



130029



# Inverse Universe

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



D23F8D



FF299A



44D23F



695E64



A80059



290016



# Previews

## White Background



This preview shows how the Hex color 843FD2 looks on a white background.

## Color Contrast Check

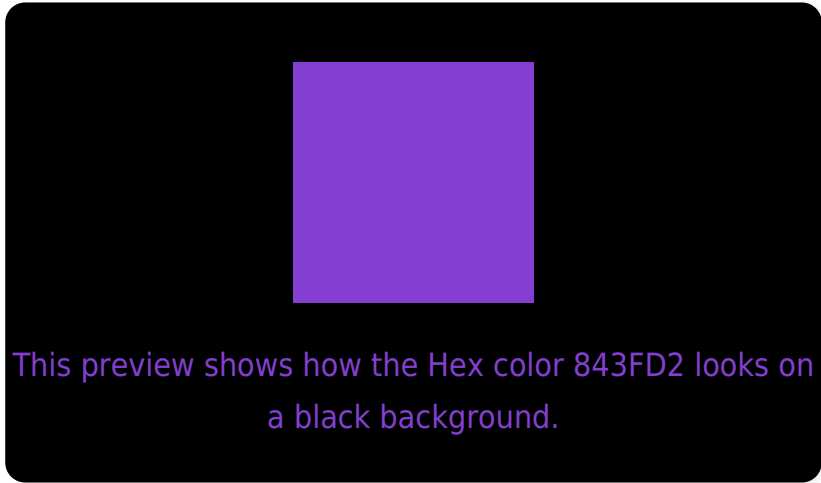
Large Text (above 18pt) WCAG AA ✓ Pass

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

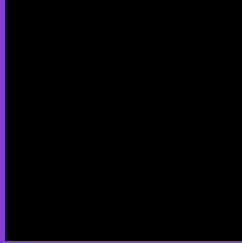
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843FD2 Background



This preview shows how black text looks on a background with the Hex color 843FD2.



This preview shows how white text looks on a background with the Hex color 843FD2.

# 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**  
843FD2

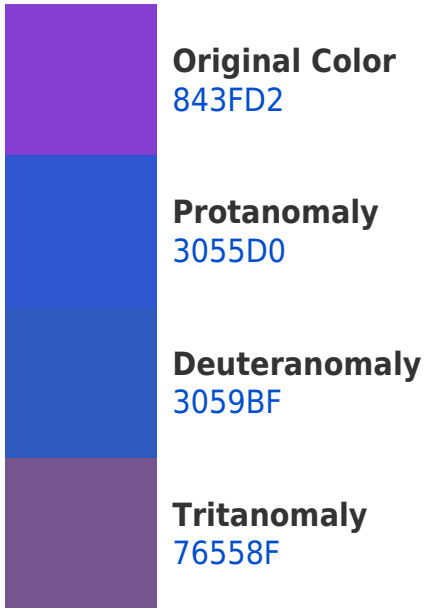
**Protanopia**  
0062CF

**Deuteranopia**  
0068B4

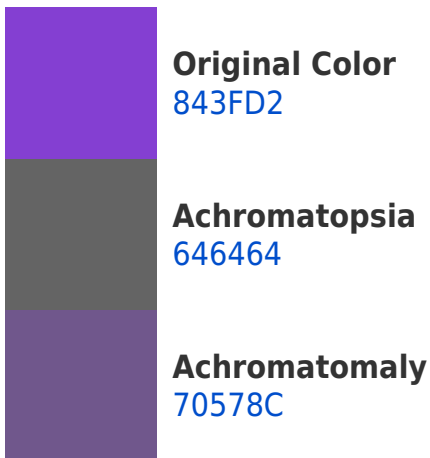


**Tritanopia**  
6E6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843FD2 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 #843FD2 looks like.

```
.text, #text, p{  
    color:#843FD2  
}
```

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 #843FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843FD2
}
```

## Border

The CSS property to change the border of an element to Hex 843FD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

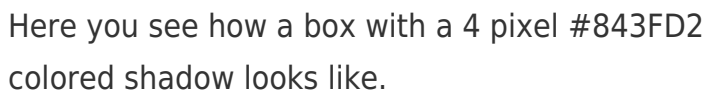
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843FD2 }
```

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

```
.border{ border-color:#843FD2 }
```

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



Here you see how a box with a 4 pixel #843FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843FD2; -webkit-box-shadow:4px 4px  
4px 4px #843FD2; box-shadow:4px 4px 4px  
4px #843FD2 }
```

# Background

The CSS property to change the background color of an element to Hex 843FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843FD2 }
```

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

```
.background{ background-color:#843FD2 }
```

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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