

Converting Colors

Hex(830FD1)

Have a look what the booklet for
Hex(830FD1) contains.

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Color

Hex(830FD1)

Conversions

Conversions Part 1

Format	Color
Hex	830FD1
RGB	131, 15, 209
RGB Percent	51%, 6%, 82%
CMY	0.4863, 0.9412, 0.1804
CMYK	0.37, 0.93, 0.00, 0.18
HSL	276°, 87%, 44%
HSV	276°, 93%, 82%
XYZ	21.0395, 9.7704, 61.0986
YIQ	71.8000, 6.8620, 84.9260

Conversions

Conversions Part 2

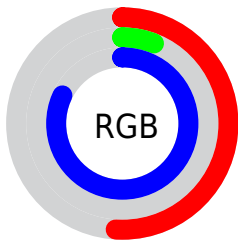
Format	Color
R_{YB}	131, 15, 209
Decimal	8589265
CIE _{Lab}	37.43, 72.17, -72.85
CIE _{LCh}	37, 102.545, 314.733
Yxy	9.7704, 0.2289, 0.1063
Android (android.graphics.Color)	4286779345 (0xFF830FD1)
YUV	71.8000, 67.6396, 51.9184
Hunter-Lab	31.2576, 65.4476, -94.0125

Details

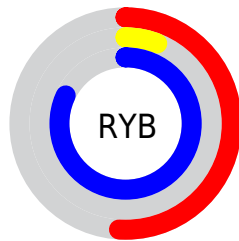
The Hex color **830FD1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **5DD10F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BF54FF**, and **460099** is the 20% darker color. If you saturate the color by 10%, you get **7D00D1**, and if you desaturate by 10%, it is **8B24D1**.

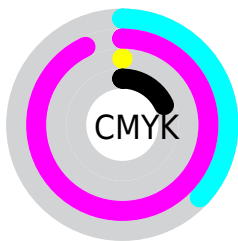
Distribution



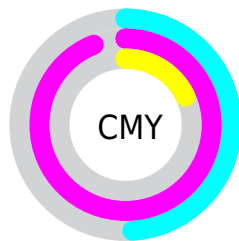
- Red (51%)
- Green (6%)
- Blue (82%)



- Red (51%)
- Yellow (6%)
- Blue (82%)



- Cyan (37%)
- Magenta (93%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830FD1 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 830FD1 by changing the saturation by 10% instead.

 830FD1

 830FD1

FFFFFF

 6500B5

 BF54FF

 460099

 DD70FF

 23007E

 FB8CFF

 000064

 FFA9FF

 00004B

 FFC6FF

 000433

 FFE3FF

 00021D

 000000

 830FD1

 830FD1

 7D00D1

 8B24D1

 9439D1

 9C4ED1

 A563D1

 AD78D1

 B58CD1

 BEA1D1

 C6B6D1

 CFCBD1

Harmonies

Analogous

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



0058FE



830FD1



CE0086

Triad

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



830FD1



8E4400



007481

Complementary

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



830FD1



5DD10F

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.



007227



830FD1



456100

Square

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



830FD1



C10000



006D00



0076CE

Rectangle

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



830FD1



DC0050



006D00



007464

Sweetspot

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



830FD1



E2B8FF



0F60D1



6E5480



000000



808080

Same Dimension

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



830FD1



9800FF



D10FC1



645E69



6500A8



180029

Inverse Universe

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



D10F5D



FF0067



0FD11F



695E62



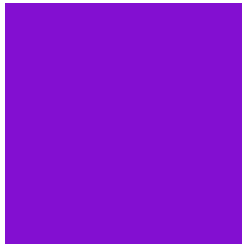
A80044



290010

Previews

White Background



This preview shows how the Hex color 830FD1 looks on a white background.

Color Contrast Check

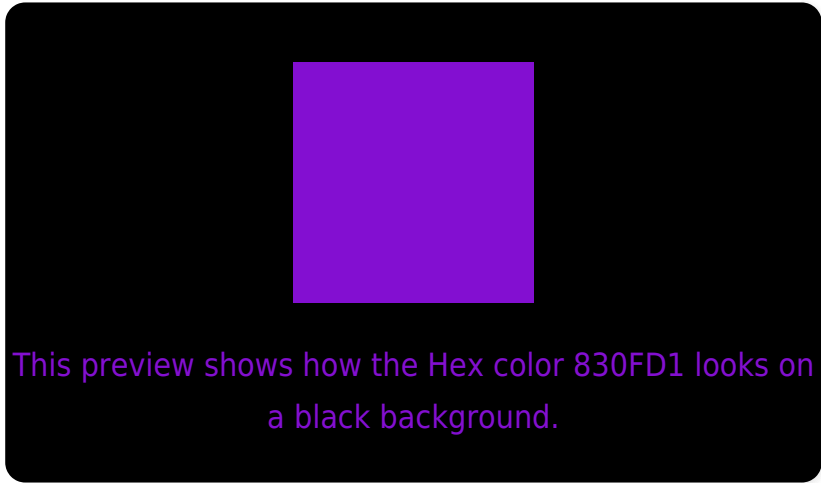
Large Text (above 18pt) WCAG AA ✓ Pass

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

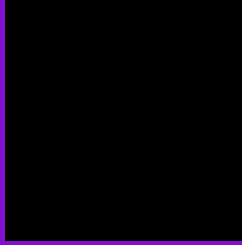
Any Text WCAG AA × Fail

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 830FD1 Background



This preview shows how black text looks on a background with the Hex color 830FD1.



This preview shows how white text looks on a background with the Hex color 830FD1.

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](#).

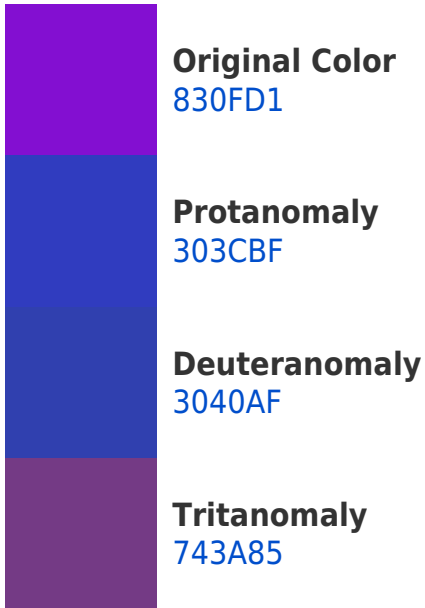
Dichromacy



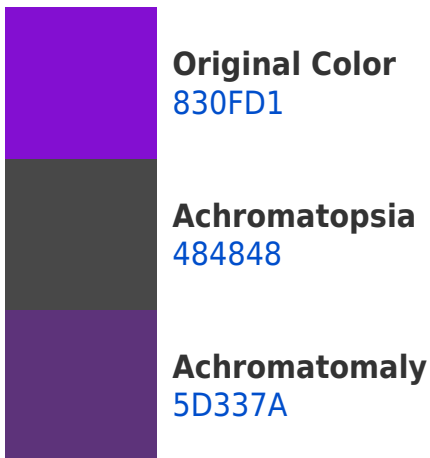


Tritanopia
6B5259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 830FD1 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 #830FD1 looks like.

```
.text, #text, p{  
    color:#830FD1  
}
```

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 #830FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830FD1
}
```

Border

The CSS property to change the border of an element to Hex 830FD1 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
#830FD1 }
```

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

```
.border{ border-color:#830FD1 }
```

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

Here you see how a box with a 4 pixel #830FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830FD1; -webkit-box-shadow:4px 4px  
4px 4px #830FD1; box-shadow:4px 4px 4px  
4px #830FD1 }
```

Background

The CSS property to change the background color of an element to Hex 830FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830FD1 }
```

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

```
.background{ background-color:#830FD1 }
```

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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