

# Converting Colors

Hex(880FDC)

Have a look what the booklet for  
Hex(880FDC) contains.

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**Color**

**Hex(880FDC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	880FDC
RGB	136, 15, 220
RGB Percent	53%, 6%, 86%
CMY	0.4667, 0.9412, 0.1373
CMYK	0.38, 0.93, 0.00, 0.14
HSL	275°, 87%, 46%
HSV	275°, 93%, 86%
XYZ	23.2424, 10.7432, 68.5588
YIQ	74.5490, 6.3110, 89.4070

# Conversions

## Conversions Part 2

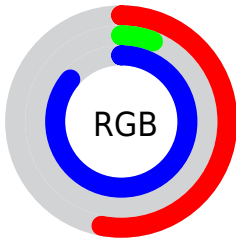
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 15, 220
Decimal	8916956
CIE <sub>Lab</sub>	39.14, 74.98, -76.34
CIE <sub>LCh</sub>	39, 107.005, 314.482
Yxy	10.7432, 0.2267, 0.1048
Android (android.graphics.Color)	4287107036 (0xFF880FDC)
YUV	74.5490, 71.7073, 53.8925
Hunter-Lab	32.7768, 69.2171, -101.0722

# Details

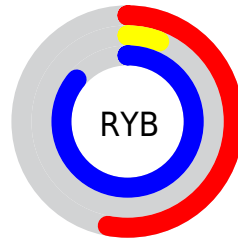
The Hex color **880FDC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **63DC0F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C455FF**, and **4A00A3** is the 20% darker color. If you saturate the color by 10%, you get **8200DC**, and if you desaturate by 10%, it is **9125DC**.

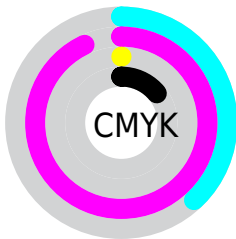
# Distribution



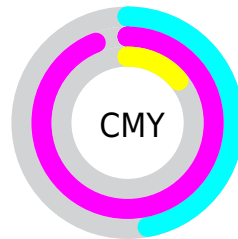
- Red (53%)
- Green (6%)
- Blue (86%)



- Red (53%)
- Yellow (6%)
- Blue (86%)



- Cyan (38%)
- Magenta (93%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (94%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 880FDC 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 880FDC by changing the saturation by 10% instead.



 880FDC

 880FDC

FFFFFF

 6A00BF

 C455FF

 4A00A3

 E372FF

 270088

 FF8FFF

 00006E

 FFABFF

 000054

 FFC8FF

 00063C

 FFE6FF

 000225

 00010E

 000000

■ 880FDC

■ 880FDC

■ 8200DC

■ 9125DC

■ 9A3BDC

■ A351DC

■ AC67DC

■ B57DDC

■ BE93DC

■ C7A9DC

■ D0BFDC

■ D9D5DC

# Harmonies

## Analogous

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



005DFF



880FDC



D7008D

# Triad

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



880FDC



954700



007A86

# Complementary

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



880FDC



63DC0F

# 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.



007728



880FDC



496600

# Square

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



880FDC



CB0000



007200



007BD8

# Rectangle

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



880FDC



E70054



007200



007968



# Sweetspot

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



880FDC



E2B8FF



0F64DC



6E5480



000000



808080



# Same Dimension

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



880FDC



9700FF



DC0FCB



69636E



6600AD



1B002E



# Inverse Universe

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



DC0F63



FF0068



0FDC20



6E6367



AD0047

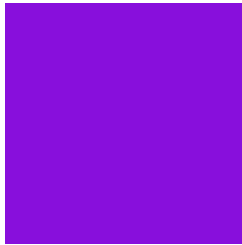


2E0013



# Previews

## White Background



This preview shows how the Hex color 880FDC looks on a white background.

## Color Contrast Check

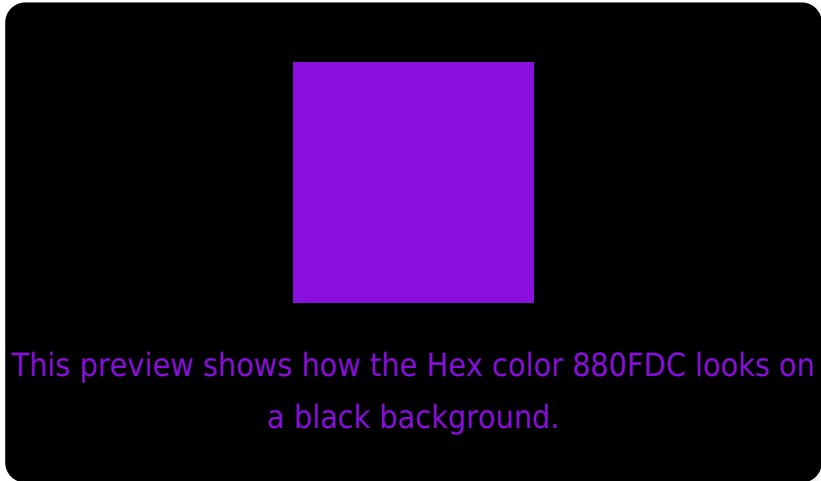
Large Text (above 18pt) WCAG AA ✓ Pass

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

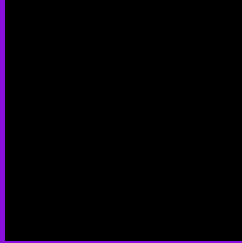
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 880FDC Background



This preview shows how black text looks on a background with the Hex color 880FDC.

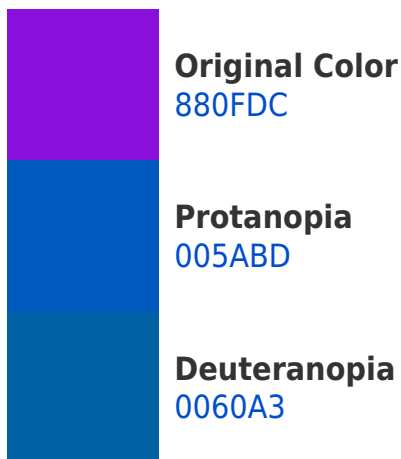



This preview shows how white text looks on a background with the Hex color 880FDC.

# 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**  
6E575D

# Trichromacy



**Original Color**  
880FDC



**Protanomaly**  
313FC8



**Deuteranomaly**  
3143B8



**Tritanomaly**  
773D8B

# Monochromacy



**Original Color**  
880FDC



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
613580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 880FDC 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 #880FDC looks like.

```
.text, #text, p{  
    color:#880FDC  
}
```

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 #880FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #880FDC
}
```

## Border

The CSS property to change the border of an element to Hex 880FDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

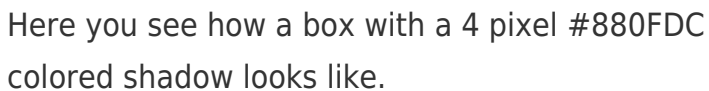
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#880FDC }
```

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

```
.border{ border-color:#880FDC }
```

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



Here you see how a box with a 4 pixel #880FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #880FDC; -webkit-box-shadow:4px 4px  
4px 4px #880FDC; box-shadow:4px 4px 4px  
4px #880FDC }
```

# Background

The CSS property to change the background color of an element to Hex 880FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#880FDC }
```

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

```
.background{ background-color:#880FDC }
```

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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