

# Converting Colors

Hex(880E85)

Have a look what the booklet for  
Hex(880E85) contains.

<b>Hex(880E85)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(880E85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	880E85
RGB	136, 14, 133
RGB Percent	53%, 5%, 52%
CMY	0.4667, 0.9451, 0.4784
CMYK	0.00, 0.90, 0.02, 0.47
HSL	301°, 81%, 29%
HSV	301°, 90%, 53%
XYZ	14.5440, 7.2418, 22.8215
YIQ	64.0440, 34.5130, 62.8730

# Conversions

## Conversions Part 2

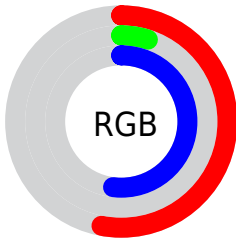
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 14, 133
Decimal	8916613
CIE Lab	32.35, 59.03, -35.44
CIE LCh	32, 68.847, 329.020
Yxy	7.2418, 0.3260, 0.1623
Android (android.graphics.Color)	4287106693 (0xFF880E85)
YUV	64.0440, 33.9953, 63.1054
Hunter-Lab	26.9105, 49.3783, -31.4436

# Details

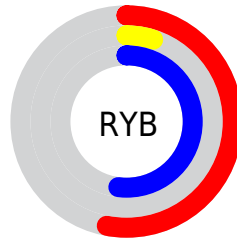
The Hex color **880E85** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0E8811**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C14FBB**, and **520053** is the 20% darker color. If you saturate the color by 10%, you get **880085**, and if you desaturate by 10%, it is **881C85**.

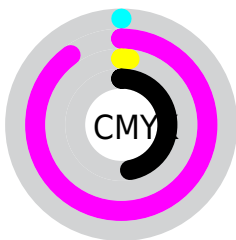
# Distribution



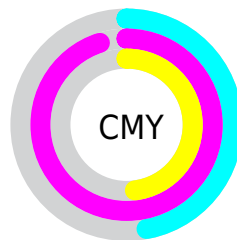
- Red (53%)
- Green (5%)
- Blue (52%)



- Red (53%)
- Yellow (5%)
- Blue (52%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (47%)



- Cyan (47%)
- Magenta (95%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 880E85 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 880E85 by changing the saturation by 10% instead.



 880E85

 880E85

FFFFFF

 6D006B

 C14FBB

 520053

 DE6BD7

 39003B

 FB86F3

 1D0025

 FFA2FF

 00000C

 FFBFFF

 000000

 FFDBFF

 FFF9FF

 880E85

 880E85

■ 880085

■ 881C85

■ 882986

■ 883786

■ 884486

■ 885287

■ 886087

■ 886D87

■ 887B88

■ 888888

# Harmonies

## Analogous

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



363EAD



880E85



A40050

# Triad

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



880E85



5F4A00



006280

# Complementary

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



880E85



0E8811

# 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.



006149



880E85



285700

# Square

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



880E85



883000



005E08



005FAA

# Rectangle

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



880E85



A5002D



005E08



00626E



# Sweetspot

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



880E85



B080AF



100E88



593D59



D9D9D9



595959



# Same Dimension

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



880E85



B000AC



880E49



453E45



850081



050005



# Inverse Universe

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



880E85



B000AC



0E884D



453E45



850081



050005



# Previews

## White Background



This preview shows how the Hex color 880E85 looks on a white background.

## Color Contrast Check

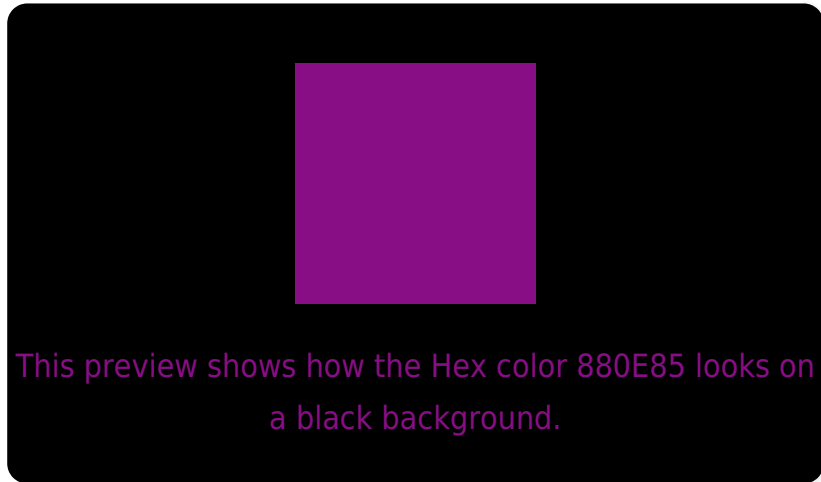
Large Text (above 18pt) WCAG AA ✓ Pass

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

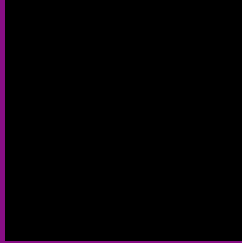
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 880E85 Background



This preview shows how black text looks on a background with the Hex color 880E85.



This preview shows how white text looks on a background with the Hex color 880E85.

# 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](#).

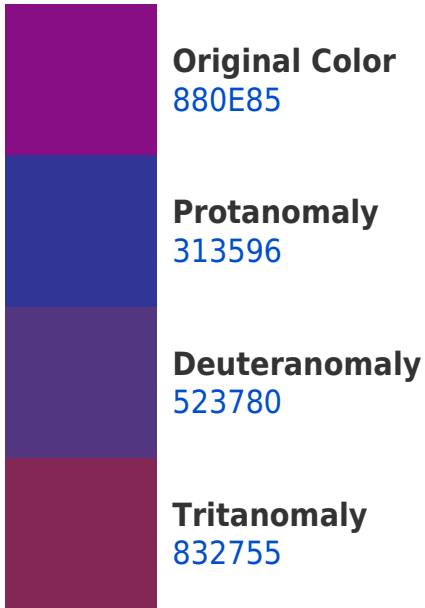
## Dichromacy



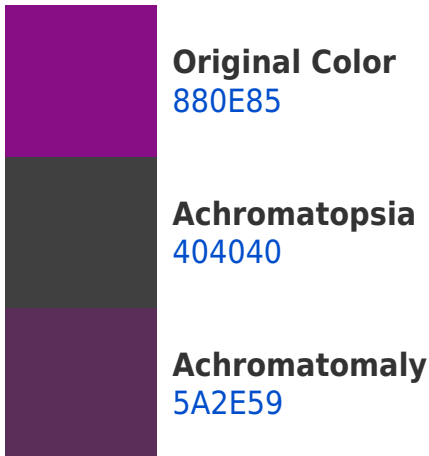


**Tritanopia**  
803539

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 880E85 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 #880E85 looks like.

```
.text, #text, p{  
    color:#880E85  
}
```

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 #880E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #880E85
}
```

## Border

The CSS property to change the border of an element to Hex 880E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

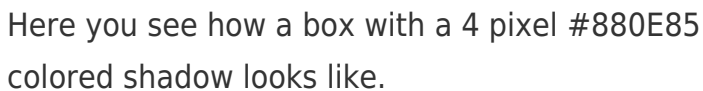
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#880E85 }
```

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

```
.border{ border-color:#880E85 }
```

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



Here you see how a box with a 4 pixel #880E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #880E85; -webkit-box-shadow:4px 4px  
4px 4px #880E85; box-shadow:4px 4px 4px  
4px #880E85 }
```

# Background

The CSS property to change the background color of an element to Hex 880E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#880E85 }
```

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

```
.background{ background-color:#880E85 }
```

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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