

# Converting Colors

Hex(830E84)

Have a look what the booklet for  
Hex(830E84) contains.

<b>Hex(830E84)</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(830E84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	830E84
RGB	131, 14, 132
RGB Percent	51%, 5%, 52%
CMY	0.4863, 0.9451, 0.4824
CMYK	0.01, 0.89, 0.00, 0.48
HSL	299°, 81%, 29%
HSV	299°, 89%, 52%
XYZ	13.6820, 6.8053, 22.4222
YIQ	62.4350, 31.8540, 61.5020

# Conversions

## Conversions Part 2

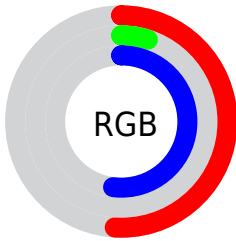
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 14, 132
Decimal	8588932
CIE <sub>Lab</sub>	31.36, 57.91, -36.45
CIE <sub>LCh</sub>	31, 68.425, 327.811
Yxy	6.8053, 0.3189, 0.1586
Android (android.graphics.Color)	4286779012 (0xFF830E84)
YUV	62.4350, 34.2955, 60.1315
Hunter-Lab	26.0870, 47.9665, -32.6999

# Details

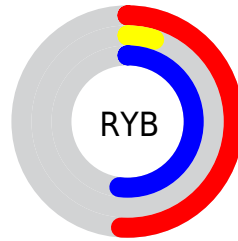
The Hex color **830E84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0F840E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BB4EBA**, and **4D0052** is the 20% darker color. If you saturate the color by 10%, you get **830184**, and if you desaturate by 10%, it is **831B84**.

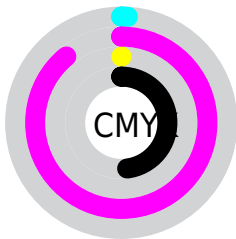
# Distribution



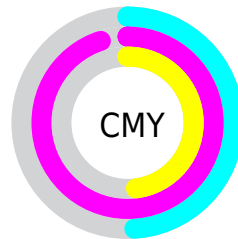
- Red (51%)
- Green (5%)
- Blue (52%)



- Red (51%)
- Yellow (5%)
- Blue (52%)



- Cyan (1%)
- Magenta (89%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (95%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 830E84 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 830E84 by changing the saturation by 10% instead.



 830E84

 830E84

FFFFFF

 68006A

 BB4EBA

 4D0052

 D869D6

 35003A

 F685F2

 170024

 FFA1FF

 00000A

 FFBDFE

 000000

 FFDAFF

 FFF7FF

 830E84

 830E84

■ 830184

■ 831B84

■ 830084

■ 832884

■ 833684

■ 834384

■ 845084

■ 845D84

■ 846A84

■ 847884

■ 848584

# Harmonies

## Analogous

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



2B3DAB



830E84



A00050

# Triad

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



830E84



5E4700



005F7B

# Complementary

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



830E84



0F840E

# 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.



005E44



830E84



285500

# Square

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



830E84



862C00



005B02



005DA6

# Rectangle

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



830E84



A2002D



005B02



005F69



# Sweetspot

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



830E84



AA7DAB



0E1084



563B57



D6D6D6



575757



# Same Dimension

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



830E84



A900AB



840E4B



423C42



810082



030003



# Inverse Universe

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



840E0F



AB0001



0E8447



423C3C



820001



030000



# Previews

## White Background



This preview shows how the Hex color 830E84 looks on a white background.

## Color Contrast Check

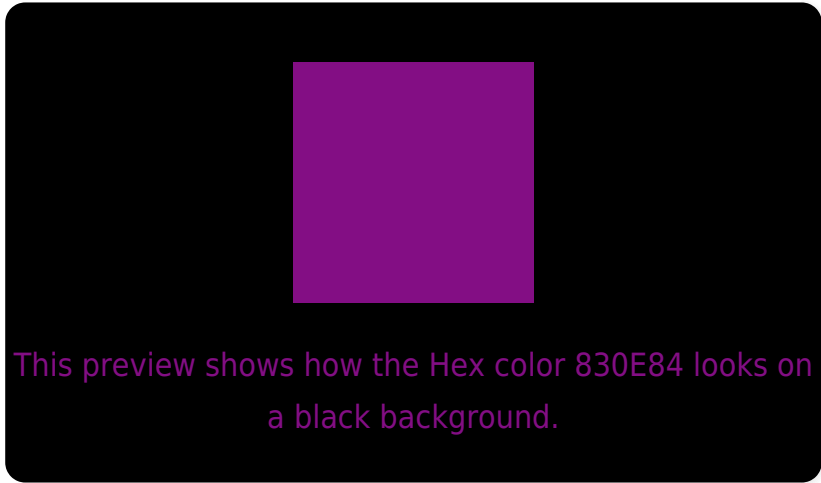
Large Text (above 18pt) WCAG AA ✓ Pass

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

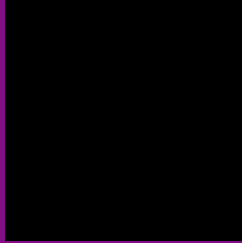
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 830E84 Background



This preview shows how black text looks on a background with the Hex color 830E84.




This preview shows how white text looks on a background with the Hex color 830E84.

# 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](#).

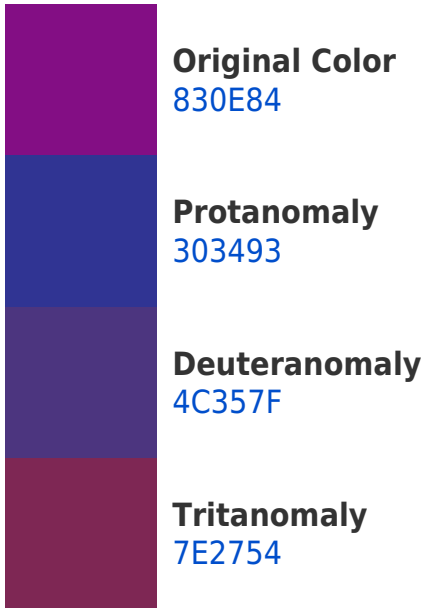
## Dichromacy



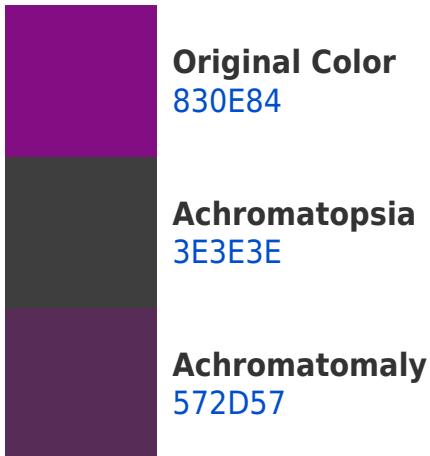


**Tritanopia**  
7B3538

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 830E84 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 #830E84 looks like.

```
.text, #text, p{  
    color:#830E84  
}
```

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 #830E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830E84
}
```

## Border

The CSS property to change the border of an element to Hex 830E84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

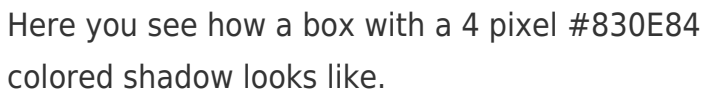
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830E84 }
```

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

```
.border{ border-color:#830E84 }
```

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



Here you see how a box with a 4 pixel #830E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830E84; -webkit-box-shadow:4px 4px  
4px 4px #830E84; box-shadow:4px 4px 4px  
4px #830E84 }
```

# Background

The CSS property to change the background color of an element to Hex 830E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830E84 }
```

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

```
.background{ background-color:#830E84 }
```

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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