

# Converting Colors

Hex(88315C)

Have a look what the booklet for  
Hex(88315C) contains.

<b>Hex(88315C)</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(88315C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88315C
RGB	136, 49, 92
RGB Percent	53%, 19%, 36%
CMY	0.4667, 0.8078, 0.6392
CMYK	0.00, 0.64, 0.32, 0.47
HSL	330°, 47%, 36%
HSV	330°, 64%, 53%
XYZ	13.1834, 8.2036, 11.0138
YIQ	79.9150, 38.0490, 31.8170

# Conversions

## Conversions Part 2

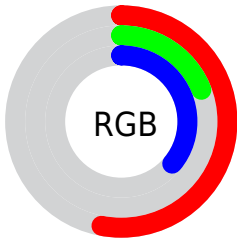
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 49, 92
Decimal	8925532
CIE <sub>Lab</sub>	34.40, 41.57, -6.28
CIE <sub>LCh</sub>	34, 42.038, 351.402
Yxy	8.2036, 0.4069, 0.2532
Android (android.graphics.Color)	4287115612 (0xFF88315C)
YUV	79.9150, 5.9579, 49.1865
Hunter-Lab	28.6419, 32.0376, -2.7498

# Details

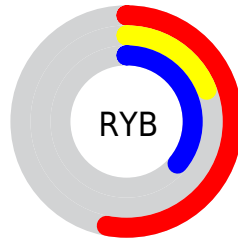
The Hex color **88315C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31885D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C0648E**, and **52002E** is the 20% darker color. If you saturate the color by 10%, you get **882355**, and if you desaturate by 10%, it is **883F63**.

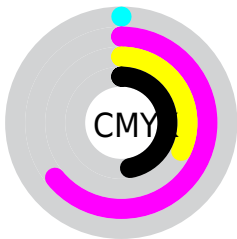
# Distribution



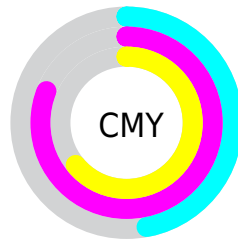
- Red (53%)
- Green (19%)
- Blue (36%)



- Red (53%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88315C 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 88315C by changing the saturation by 10% instead.



 88315C

 88315C

FFFFFF

 6D1644

 C0648E

 52002E

 DD7FA9

 39001A

 FA9AC4

 1F0001

 FFB5E0

 000000

 FFD1FC

 FFEEFF

 88315C

 88315C

 882355

 883F63

 88164E

 884C6A

 880847

 885A71

 880043

 886778

 88757E

 888385

 88908C

 889E93

 88AB9A

# Harmonies

## Analogous

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



703D7B



88315C



8D323B

# Triad

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



88315C



4A5608



005E85

# Complementary

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



88315C



31885D

# 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.



006168



88315C



1E5D24

# Square

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



88315C



6A4C05



006046



005893

# Rectangle

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



88315C



863926



006046



005F7C



# Sweetspot

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



88315C



B08F9F



5D3188



59454F



D9D9D9



595959



# Same Dimension

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



88315C



B0286B



883131



453E41



850042



050003



# Inverse Universe

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



88315C



B0286B



318888



453E41



850042

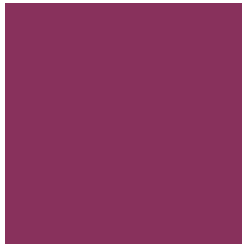


050003



# Previews

## White Background



This preview shows how the Hex color 88315C looks on a white background.

## Color Contrast Check

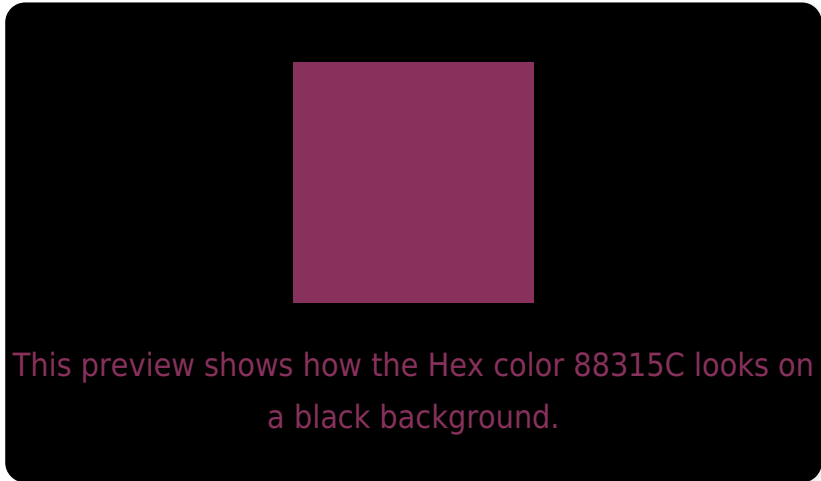
Large Text (above 18pt) WCAG AA ✓ Pass

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

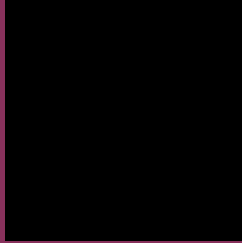
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88315C Background



This preview shows how black text looks on a background with the Hex color 88315C.




This preview shows how white text looks on a background with the Hex color 88315C.

# 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**  
85383C

# Trichromacy



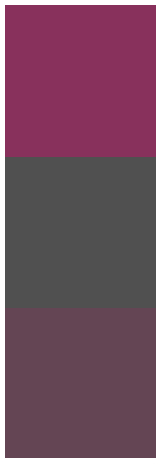
**Original Color**  
88315C

**Protanomaly**  
5F456A

**Deuteranomaly**  
694459

**Tritanomaly**  
863548

# Monochromacy



**Original Color**  
88315C

**Achromatopsia**  
505050

**Achromatomaly**  
644554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88315C 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 #88315C looks like.

```
.text, #text, p{  
    color:#88315C  
}
```

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 #88315C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88315C
}
```

## Border

The CSS property to change the border of an element to Hex 88315C is called "border". The border property can be set on classes, ids or directly on the HTML element.

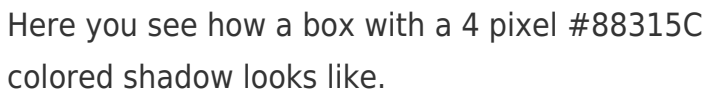
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88315C }
```

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

```
.border{ border-color:#88315C }
```

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



Here you see how a box with a 4 pixel #88315C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88315C; -webkit-box-shadow:4px 4px  
4px 4px #88315C; box-shadow:4px 4px 4px  
4px #88315C }
```

# Background

The CSS property to change the background color of an element to Hex 88315C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88315C }
```

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

```
.background{ background-color:#88315C }
```

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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