

# Converting Colors

Hex(88331E)

Have a look what the booklet for  
Hex(88331E) contains.

<b>Hex(88331E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(88331E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88331E
RGB	136, 51, 30
RGB Percent	53%, 20%, 12%
CMY	0.4667, 0.8000, 0.8824
CMYK	0.00, 0.63, 0.78, 0.47
HSL	12°, 64%, 33%
HSV	12°, 78%, 53%
XYZ	11.5715, 7.6956, 2.1038
YIQ	74.0210, 57.4010, 11.4890

# Conversions

## Conversions Part 2

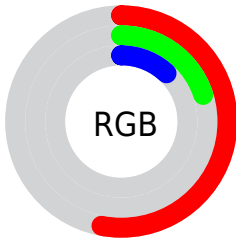
Format	Color
R <sub>Y</sub> B	136, 56, 30
Decimal	8925982
CIE Lab	33.34, 35.14, 31.40
CIE LCh	33, 47.123, 41.789
Yxy	7.6956, 0.5415, 0.3601
Android (android.graphics.Color)	4287116062 (0xFF88331E)
YUV	74.0210, -21.7024, 54.3556
Hunter-Lab	27.7410, 25.9104, 14.9223

# Details

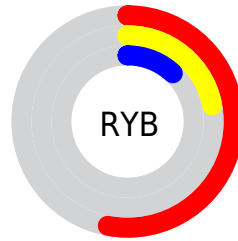
The Hex color **88331E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E7388**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C3654B**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **882810**, and if you desaturate by 10%, it is **883E2C**.

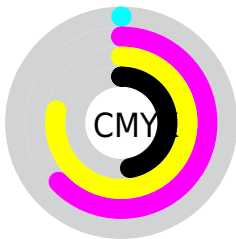
# Distribution



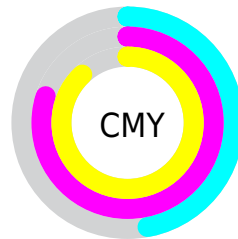
- Red (53%)
- Green (20%)
- Blue (12%)



- Red (53%)
- Yellow (22%)
- Blue (12%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88331E 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 88331E by changing the saturation by 10% instead.



 88331E

 88331E

FFFFFF

 6B1A07

 C3654B

 4F0000

 E17F63

 350000

 FF997D

 100000

 FFB597

 000000

 FFD1B1

 FFEDCD

 FFFF99

 88331E

 88331E

■ 882810

■ 883E2C

■ 881D03

■ 884939

■ 881B00

■ 885447

■ 885F54

■ 886A62

■ 887470

■ 887F7D

■ 888A8B

■ 889598

# Harmonies

## Analogous

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



902641



88331E



724400

# Triad

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



88331E



005E36



004E98

# Complementary

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



88331E



1E7388

# 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.



005995



88331E



005F5D

# Square

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



88331E



275A0F



005E7F



623D86

# Rectangle

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



88331E



5D4E00



005E7F



005299



# Sweetspot

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



88331E



B08F87



881E75



594540



D9D9D9



595959



# Same Dimension

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



88331E



B02B0B



88661E



453F3E



851A00



050100



# Inverse Universe

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



1E7388



0B8FB0



1E4088



3E4345



006A85



000405



# Previews

## White Background



This preview shows how the Hex color 88331E looks on a white background.

## Color Contrast Check

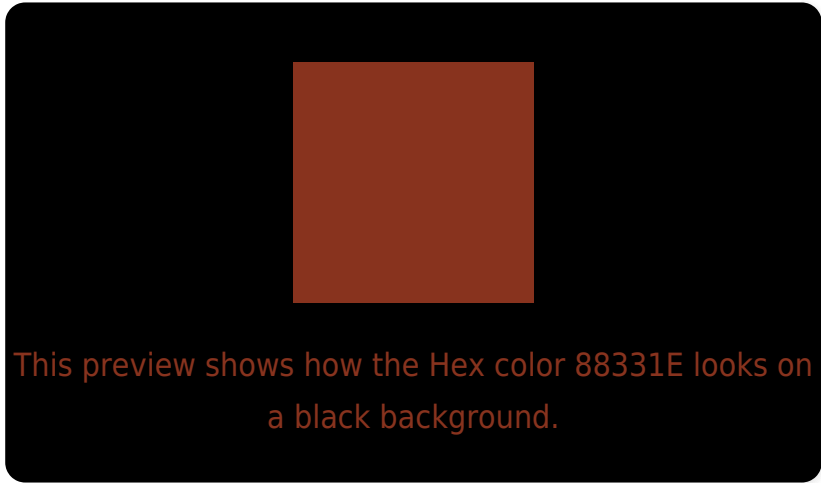
Large Text (above 18pt) WCAG AA ✓ Pass

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 88331E Background



This preview shows how black text looks on a background with the Hex color 88331E.



This preview shows how white text looks on a background with the Hex color 88331E.

# 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



**Original Color**  
88331E

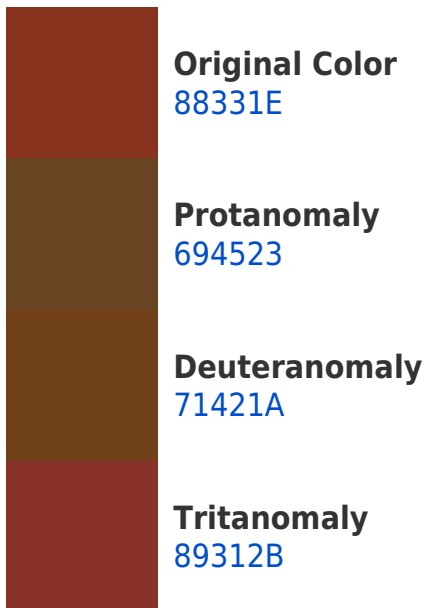
**Protanopia**  
584F26

**Deuteranopia**  
644B17

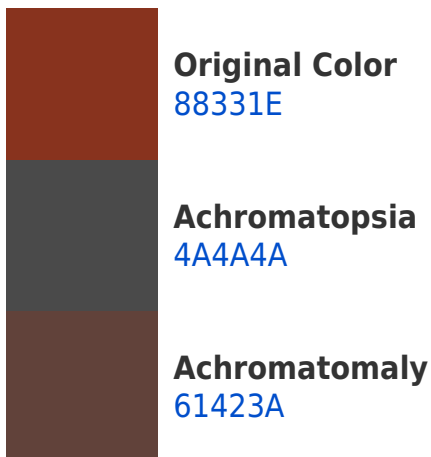


**Tritanopia**  
893033

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88331E 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 #88331E looks like.

```
.text, #text, p{  
    color:#88331E  
}
```

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 #88331E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88331E
}
```

## Border

The CSS property to change the border of an element to Hex 88331E is called "border". The border property can be set on classes, ids or directly on the HTML element.

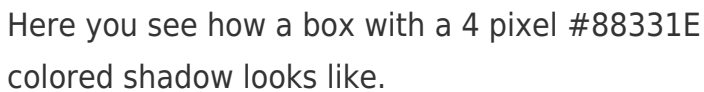
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88331E }
```

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

```
.border{ border-color:#88331E }
```

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



Here you see how a box with a 4 pixel #88331E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88331E; -webkit-box-shadow:4px 4px  
4px 4px #88331E; box-shadow:4px 4px 4px  
4px #88331E }
```

# Background

The CSS property to change the background color of an element to Hex 88331E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88331E }
```

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

```
.background{ background-color:#88331E }
```

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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