

# Converting Colors

Hex(88391E)

Have a look what the booklet for  
Hex(88391E) contains.

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**Color**

**Hex(88391E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88391E
RGB	136, 57, 30
RGB Percent	53%, 22%, 12%
CMY	0.4667, 0.7765, 0.8824
CMYK	0.00, 0.58, 0.78, 0.47
HSL	15°, 64%, 33%
HSV	15°, 78%, 53%
XYZ	11.8508, 8.2542, 2.1969
YIQ	77.5430, 55.7510, 8.3510

# Conversions

## Conversions Part 2

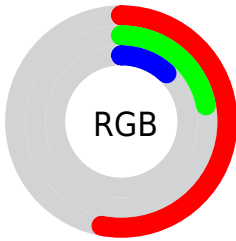
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 66, 30
Decimal	8927518
CIE Lab	34.51, 32.09, 32.63
CIE LCh	35, 45.766, 45.483
Yxy	8.2542, 0.5314, 0.3701
Android (android.graphics.Color)	4287117598 (0xFF88391E)
YUV	77.5430, -23.4387, 51.2668
Hunter-Lab	28.7302, 23.3510, 15.5774

# Details

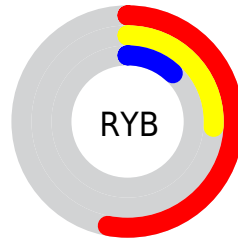
The Hex color **88391E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E6D88**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C26B4C**, and **500600** is the 20% darker color. If you saturate the color by 10%, you get **882F10**, and if you desaturate by 10%, it is **88432C**.

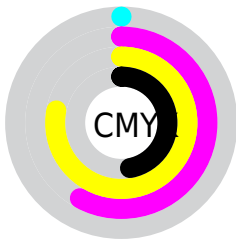
# Distribution



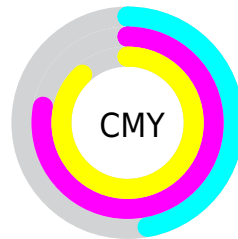
- Red (53%)
- Green (22%)
- Blue (12%)



- Red (53%)
- Yellow (26%)
- Blue (12%)



- Cyan (0%)
- Magenta (58%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88391E 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 88391E by changing the saturation by 10% instead.





88391E



88391E

FFFFFF



6C2107



C26B4C



500600



E08464



350000



FF9F7D



130000



FFBA97



000000



FFD6B2



FFF3CE



FFFFEA



88391E



88391E

■ 882F10

■ 88432C

■ 882503

■ 884D39

■ 882300

■ 885747

■ 886254

■ 886C62

■ 887670

■ 88807D

■ 888A8B

■ 889498

# Harmonies

## Analogous

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



922C40



88391E



714900

# Triad

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



88391E



00613E



264F98

# Complementary

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



88391E



1E6D88

# 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.



005A98



88391E



006264

# Square

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



88391E



245D19



006085



6A3E85

# Rectangle

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



88391E



5C5200



006085



00539A



# Sweetspot

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



88391E



B09287



881E6E



594740



D9D9D9



595959



# Same Dimension

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



88391E



B0350B



886E1E



45403E



852200



050100



# Inverse Universe

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



1E6D88



0B86B0



1E3988



3E4345



006385



000405



# Previews

## White Background



This preview shows how the Hex color 88391E looks on a white background.

## Color Contrast Check

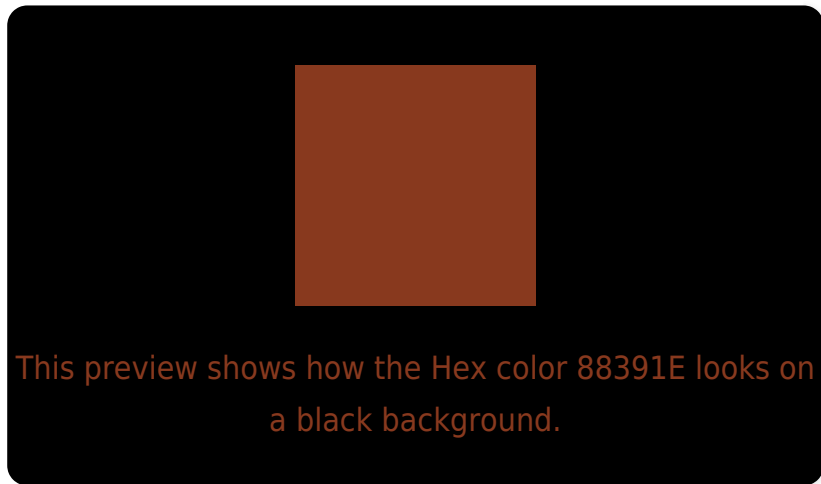
Large Text (above 18pt) WCAG AA ✓ Pass

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 88391E Background



This preview shows how black text looks on a background with the Hex color 88391E.



This preview shows how white text looks on a background with the Hex color 88391E.

# 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**  
88391E

**Protanopia**  
5B5225

**Deuteranopia**  
674E18



# Trichromacy



**Original Color**  
88391E

**Protanomaly**  
6B4922

**Deuteranomaly**  
73461A

**Tritanomaly**  
89372F

# Monochromacy



**Original Color**  
88391E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
63463D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88391E 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 #88391E looks like.

```
.text, #text, p{  
    color:#88391E  
}
```

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 #88391E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88391E
}
```

## Border

The CSS property to change the border of an element to Hex 88391E is called "border". The border property can be set on classes, ids or directly on the HTML element.

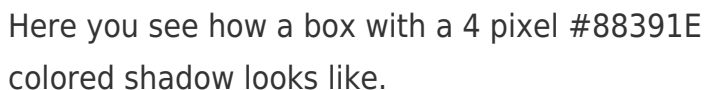
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88391E }
```

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

```
.border{ border-color:#88391E }
```

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



Here you see how a box with a 4 pixel #88391E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88391E; -webkit-box-shadow:4px 4px  
4px 4px #88391E; box-shadow:4px 4px 4px  
4px #88391E }
```

# Background

The CSS property to change the background color of an element to Hex 88391E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88391E }
```

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

```
.background{ background-color:#88391E }
```

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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