

# Converting Colors

Hex(88350E)

Have a look what the booklet for  
Hex(88350E) contains.

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**Color**

**Hex(88350E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88350E
RGB	136, 53, 14
RGB Percent	53%, 21%, 5%
CMY	0.4667, 0.7922, 0.9451
CMYK	0.00, 0.61, 0.90, 0.47
HSL	19°, 81%, 29%
HSV	19°, 90%, 53%
XYZ	11.5057, 7.8122, 1.3169
YIQ	73.3710, 61.9870, 5.4670

# Conversions

## Conversions Part 2

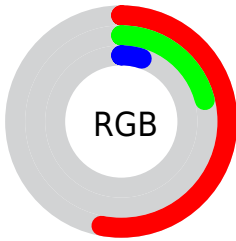
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 71, 14
Decimal	8926478
CIE <sub>Lab</sub>	33.59, 33.60, 39.59
CIE <sub>LCh</sub>	34, 51.923, 49.681
Yxy	7.8122, 0.5576, 0.3786
Android (android.graphics.Color)	4287116558 (0xFF88350E)
YUV	73.3710, -29.2699, 54.9256
Hunter-Lab	27.9502, 24.5666, 16.7716

# Details

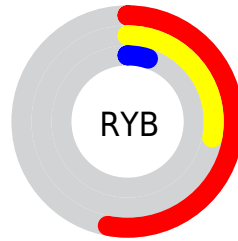
The Hex color **88350E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0E6188**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C3673D**, and **4F0100** is the 20% darker color. If you saturate the color by 10%, you get **882C00**, and if you desaturate by 10%, it is **883E1C**.

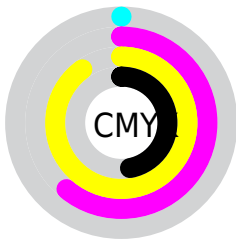
# Distribution



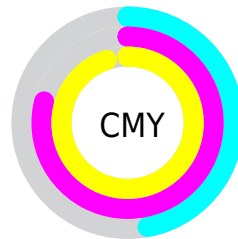
- Red (53%)
- Green (21%)
- Blue (5%)



- Red (53%)
- Yellow (28%)
- Blue (5%)



- Cyan (0%)
- Magenta (61%)
- Yellow (90%)
- Black (47%)



- Cyan (47%)
- Magenta (79%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88350E 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 88350E by changing the saturation by 10% instead.



 88350E

 88350E

 FFFFF6

 6B1C00

 C3673D

 4F0100

 E28055

 340000

 FF9B6E

 0F0000

 FFB688

 000000

 FFD2A2

 FFEFBD

 FFFFD9

 88350E

 88350E

■ 882C00

■ 883E1C

■ 882B00

■ 884829

■ 885137

■ 885A44

■ 886352

■ 886D60

■ 88766D

■ 887F7B

■ 888888

# Harmonies

## Analogous

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



962136



88350E



6C4800

# Triad

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



88350E



00603F



274A9D

# Complementary

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



88350E



0E6188

# 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.



0058A1



88350E



00616A

# Square

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



88350E



025D13



005F8D



713685

# Rectangle

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



88350E



555100



005F8D



0050A1



# Sweetspot

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



88350E



B09080



880E61



59463D



D9D9D9



595959



# Same Dimension

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



88350E



B03800



88720E



45403E



852A00



050200



# Inverse Universe

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



0E6188



0078B0



0E2488



3E4345



005A85



000305



# Previews

## White Background



This preview shows how the Hex color 88350E looks on a white background.

## Color Contrast Check

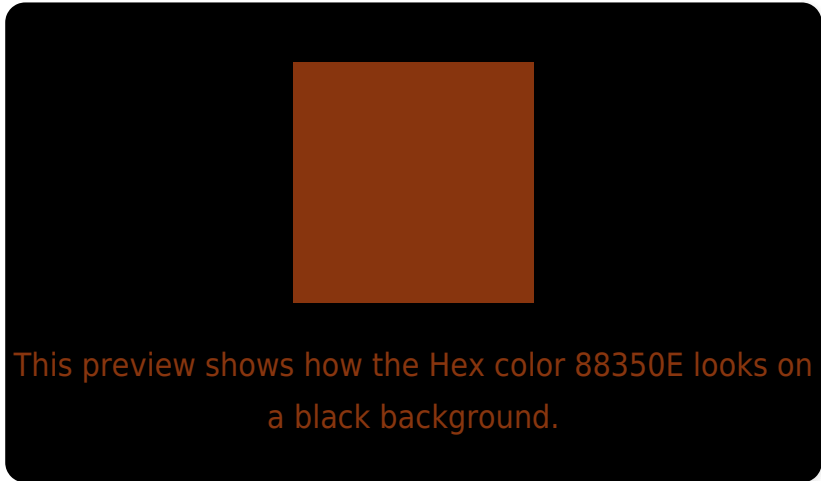
Large Text (above 18pt) WCAG AA ✓ Pass

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 88350E Background



This preview shows how black text looks on a background with the Hex color 88350E.



This preview shows how white text looks on a background with the Hex color 88350E.

# 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**  
88350E

**Protanopia**  
5A5015

**Deuteranopia**  
654C00



**Tritanopia**  
893234

# Trichromacy



**Original Color**  
88350E

**Protanomaly**  
6B4612

**Deuteranomaly**  
724405

**Tritanomaly**  
893326

# Monochromacy



**Original Color**  
88350E

**Achromatopsia**  
494949

**Achromatomaly**  
604234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88350E 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 #88350E looks like.

```
.text, #text, p{  
    color:#88350E  
}
```

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 #88350E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88350E
}
```

## Border

The CSS property to change the border of an element to Hex 88350E is called "border". The border property can be set on classes, ids or directly on the HTML element.

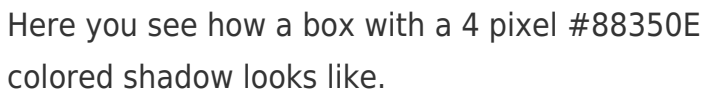
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88350E }
```

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

```
.border{ border-color:#88350E }
```

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



Here you see how a box with a 4 pixel #88350E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88350E; -webkit-box-shadow:4px 4px  
4px 4px #88350E; box-shadow:4px 4px 4px  
4px #88350E }
```

# Background

The CSS property to change the background color of an element to Hex 88350E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88350E }
```

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

```
.background{ background-color:#88350E }
```

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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