

# Converting Colors

Hex(88700E)

Have a look what the booklet for  
Hex(88700E) contains.

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**Color**

**Hex(88700E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88700E
RGB	136, 112, 14
RGB Percent	53%, 44%, 5%
CMY	0.4667, 0.5608, 0.9451
CMYK	0.00, 0.18, 0.90, 0.47
HSL	48°, 81%, 29%
HSV	48°, 90%, 53%
XYZ	16.0268, 16.8543, 2.8240
YIQ	108.0040, 45.7620, -25.3900

# Conversions

## Conversions Part 2

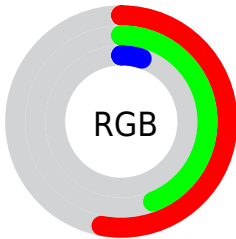
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 136, 14
Decimal	8941582
CIE Lab	48.08, 0.04, 51.27
CIE LCh	48, 51.275, 89.953
Yxy	16.8543, 0.4489, 0.4720
Android (android.graphics.Color)	4287131662 (0xFF88700E)
YUV	108.0040, -46.3440, 24.5525
Hunter-Lab	41.0540, -2.1611, 24.6594

# Details

The Hex color **88700E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E2688**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C1A346**, and **524100** is the 20% darker color. If you saturate the color by 10%, you get **886D00**, and if you desaturate by 10%, it is **88731C**.

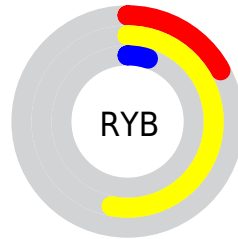
# Distribution



Red (53%)

Green (44%)

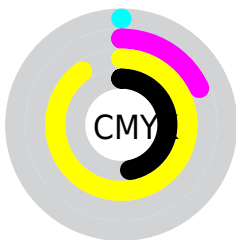
Blue (5%)



Red (17%)

Yellow (53%)

Blue (5%)

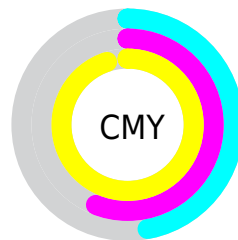


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88700E 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 88700E by changing the saturation by 10% instead.



 88700E

 88700E

FFFFFF

 6D5800

 C1A346

 524100

 DEBE60

 382B00

 FCDA7A

 1F1700

 FFF695

 000000

 FFFFB0

 FFFFCC

 FFFFEE9

 88700E

 88700E

■ 886D00

■ 88731C

■ 887529

■ 887837

■ 887B44

■ 887D52

■ 888060

■ 88836D

■ 88857B

■ 888888

# Harmonies

## Analogous

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



A95F25



88700E



5D7C1F

# Triad

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



88700E



00869C



A6549E

# Complementary

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



88700E



0E2688

# 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.



7167BE



88700E



0081BD

# Square

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



88700E



008671



0077C9



BE4874

# Rectangle

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



88700E



368137



0077C9



985AAA



# Sweetspot

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



88700E



B0A780



880E26



59543D



D9D9D9



595959



# Same Dimension

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



88700E



B08D00



63880E



45433E



856B00



050400



# Inverse Universe

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



0E2688



0023B0



330E88



3E3F45



001A85

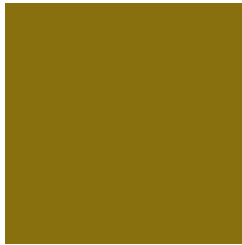


000105



# Previews

## White Background



This preview shows how the Hex color 88700E looks on a white background.

## Color Contrast Check

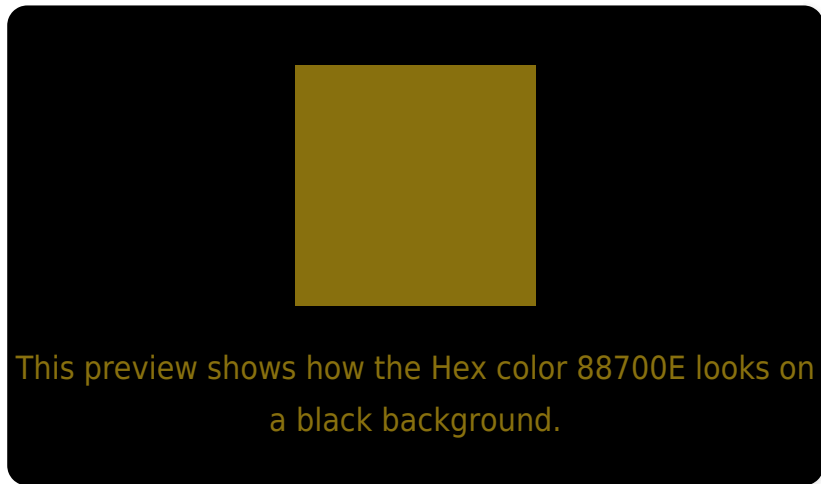
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 88700E Background



This preview shows how black text looks on a background with the Hex color 88700E.



This preview shows how white text looks on a background with the Hex color 88700E.

# 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**  
88700E

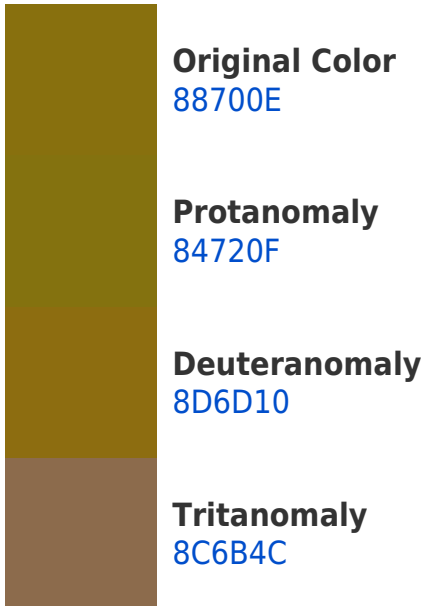
**Protanopia**  
81730F

**Deuteranopia**  
906C11

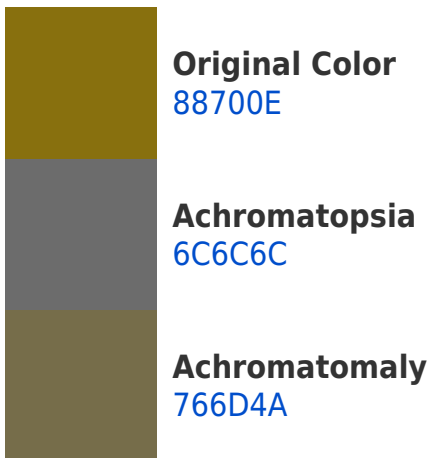


**Tritanopia**  
8E6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88700E 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 #88700E looks like.

```
.text, #text, p{  
    color:#88700E  
}
```

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 #88700E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88700E
}
```

## Border

The CSS property to change the border of an element to Hex 88700E 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
#88700E }
```

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

```
.border{ border-color:#88700E }
```

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

Here you see how a box with a 4 pixel #88700E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88700E; -webkit-box-shadow:4px 4px  
4px 4px #88700E; box-shadow:4px 4px 4px  
4px #88700E }
```

# Background

The CSS property to change the background color of an element to Hex 88700E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88700E }
```

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

```
.background{ background-color:#88700E }
```

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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