

# Converting Colors

Hex(884700)

Have a look what the booklet for  
Hex(884700) contains.

<b>Hex(884700)</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(884700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	884700
RGB	136, 71, 0
RGB Percent	53%, 28%, 0%
CMY	0.4667, 0.7216, 1.0000
CMYK	0.00, 0.48, 1.00, 0.47
HSL	31°, 100%, 27%
HSV	31°, 100%, 53%
XYZ	12.4066, 9.7407, 1.2262
YIQ	82.3410, 61.5310, -8.3010

# Conversions

## Conversions Part 2

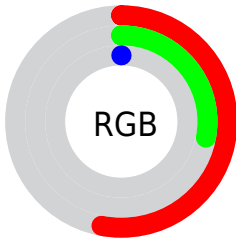
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 136, 0
Decimal	8931072
CIELab	37.37, 23.58, 47.19
CIElCh	37, 52.755, 63.452
Yxy	9.7407, 0.5308, 0.4167
Android (android.graphics.Color)	4287121152 (0xFF884700)
YUV	82.3410, -40.5941, 47.0589
Hunter-Lab	31.2101, 16.3392, 19.5176

# Details

The Hex color **884700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004188**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C37836**, and **4F1A00** is the 20% darker color. If you saturate the color by 10%, you get **884700**, and if you desaturate by 10%, it is **884E0E**.

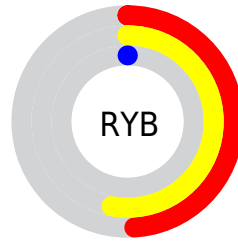
# Distribution



Red (53%)

Green (28%)

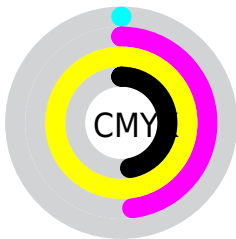
Blue (0%)



Red (49%)

Yellow (53%)

Blue (0%)

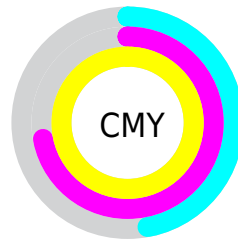


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884700 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 884700 by changing the saturation by 10% instead.



 884700

 884700

 FFFFFF1

 6C3000

 C37836

 4F1A00

 E1924F

 340400

 FFAD68

 190001

 FFC882

 000000

 FFE49D

 FFFF88

 FFFF44

 884700

 884E0E

 88541B

 885A29

 886136

 886744

 886E52

 88755F

 887B6D

 88827A

# Harmonies

## Analogous

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



9E322C



884700



665800

# Triad

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



884700



006B5C



5C4AA0

# Complementary

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



884700



004188

# 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.



005CAE



884700



006A86

# Square

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



884700



00682F



0066A4



8E347F

# Rectangle

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



884700



4B6000



0066A4



4151A7



# Sweetspot

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



884700



B0977B



880042



594A39



D9D9D9



595959



# Same Dimension

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



884700



B05C00



868800



45423E



854500



050300



# Inverse Universe

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



004188



0054B0



020088



3E4145



003F85

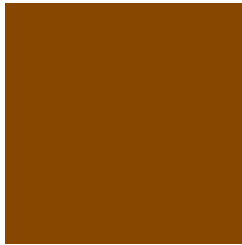


000205



# Previews

## White Background



This preview shows how the Hex color 884700 looks on a white background.

## Color Contrast Check

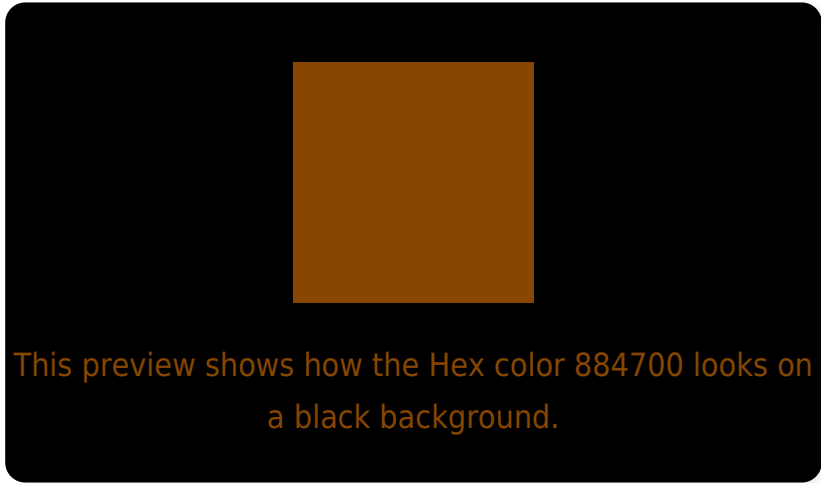
Large Text (above 18pt) WCAG AA ✓ Pass

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 884700 Background



This preview shows how black text looks on a background with the Hex color 884700.



This preview shows how white text looks on a background with the Hex color 884700.

# 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**  
884700

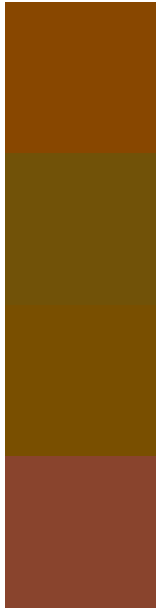
**Protanopia**  
64590C

**Deuteranopia**  
705400



**Tritanopia**  
8A4247

# Trichromacy



**Original Color**  
884700

**Protanomaly**  
715208

**Deuteranomaly**  
794F00

**Tritanomaly**  
89442D

# Monochromacy



**Original Color**  
884700

**Achromatopsia**  
525252

**Achromatomaly**  
664E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884700 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 #884700 looks like.

```
.text, #text, p{  
    color:#884700  
}
```

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 #884700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884700
}
```

## Border

The CSS property to change the border of an element to Hex 884700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

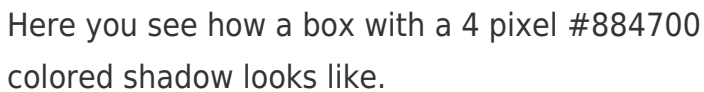
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#884700 }
```

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

```
.border{ border-color:#884700 }
```

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



Here you see how a box with a 4 pixel #884700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884700; -webkit-box-shadow:4px 4px  
4px 4px #884700; box-shadow:4px 4px 4px  
4px #884700 }
```

# Background

The CSS property to change the background color of an element to Hex 884700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884700 }
```

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

```
.background{ background-color:#884700 }
```

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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