

# Converting Colors

Hex(88541D)

Have a look what the booklet for  
Hex(88541D) contains.

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**Color**

**Hex(88541D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88541D
RGB	136, 84, 29
RGB Percent	53%, 33%, 11%
CMY	0.4667, 0.6706, 0.8863
CMYK	0.00, 0.38, 0.79, 0.47
HSL	31°, 65%, 32%
HSV	31°, 79%, 53%
XYZ	13.5454, 11.6636, 2.6998
YIQ	93.2780, 48.6470, -6.0810

# Conversions

## Conversions Part 2

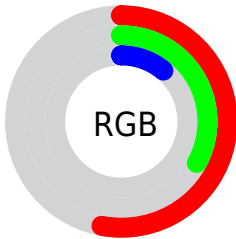
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 136, 29
Decimal	8934429
CIELab	40.68, 16.87, 39.40
CIElCh	41, 42.859, 66.814
Yxy	11.6636, 0.4853, 0.4179
Android (android.graphics.Color)	4287124509 (0xFF88541D)
YUV	93.2780, -31.6891, 37.4672
Hunter-Lab	34.1520, 11.0310, 19.2194

# Details

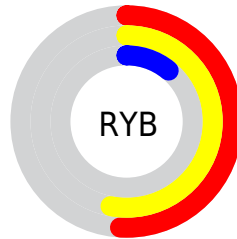
The Hex color **88541D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D5188**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C1864D**, and **522600** is the 20% darker color. If you saturate the color by 10%, you get **884D0F**, and if you desaturate by 10%, it is **885B2B**.

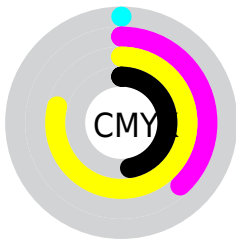
# Distribution



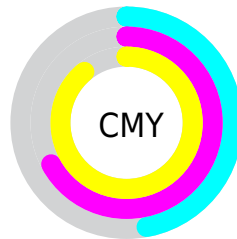
- Red (53%)
- Green (33%)
- Blue (11%)



- Red (51%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (79%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88541D 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 88541D by changing the saturation by 10% instead.



 88541D

 88541D

FFFFFF

 6C3D04

 C1864D

 522600

 DFA066

 371200

 FDDB7F

 200000

 FFD79A

 000000

 FFF3B5

 FFFFD1

 FFFFED

 88541D

 88541D

■ 884D0F

■ 885B2B

■ 884702

■ 886138

■ 884600

■ 886846

■ 886E53

■ 887561

■ 887C6F

■ 88827C

■ 88898A

■ 888F97

# Harmonies

## Analogous

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



9B4638



88541D



6B6112

# Triad

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



88541D



007167



6C5398

# Complementary

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



88541D



1D5188

# 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.



2161A6



88541D



007089

# Square

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



88541D



006F43



006BA0



91457C

# Rectangle

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



88541D



53671B



006BA0



5A589F



# Sweetspot

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



88541D



B09B86



881D53



594D3F



D9D9D9



595959



# Same Dimension

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



88541D



B0600B



88881D



45423E



854400



050300



# Inverse Universe

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



1D5188



0B5BB0



1D1D88



3E4145



004085



000205



# Previews

## White Background



This preview shows how the Hex color 88541D 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 88541D Background



This preview shows how black text looks on a background with the Hex color 88541D.



This preview shows how white text looks on a background with the Hex color 88541D.

# 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**  
88541D

**Protanopia**  
6C6120

**Deuteranopia**  
795B1A



**Tritanopia**  
8B4F54

# Trichromacy



**Original Color**  
88541D

**Protanomaly**  
765C1F

**Deuteranomaly**  
7E581B

**Tritanomaly**  
8A5140

# Monochromacy



**Original Color**  
88541D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6D5A46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88541D 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 #88541D looks like.

```
.text, #text, p{  
    color:#88541D  
}
```

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 #88541D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88541D
}
```

## Border

The CSS property to change the border of an element to Hex 88541D 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
#88541D }
```

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

```
.border{ border-color:#88541D }
```

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

Here you see how a box with a 4 pixel #88541D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88541D; -webkit-box-shadow:4px 4px  
4px 4px #88541D; box-shadow:4px 4px 4px  
4px #88541D }
```

# Background

The CSS property to change the background color of an element to Hex 88541D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88541D }
```

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

```
.background{ background-color:#88541D }
```

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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