

# Converting Colors

Hex(83511C)

Have a look what the booklet for  
Hex(83511C) contains.

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**Color**

**Hex(83511C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83511C
RGB	131, 81, 28
RGB Percent	51%, 32%, 11%
CMY	0.4863, 0.6824, 0.8902
CMYK	0.00, 0.38, 0.79, 0.49
HSL	31°, 65%, 31%
HSV	31°, 79%, 51%
XYZ	12.5121, 10.7940, 2.5226
YIQ	89.9080, 46.8130, -5.8830

# Conversions

## Conversions Part 2

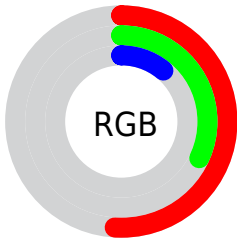
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 131, 28
Decimal	8605980
CIELab	39.23, 16.29, 38.21
CIElCh	39, 41.537, 66.917
Yxy	10.7940, 0.4844, 0.4179
Android (android.graphics.Color)	4286796060 (0xFF83511C)
YUV	89.9080, -30.5206, 36.0377
Hunter-Lab	32.8542, 10.4845, 18.4456

# Details

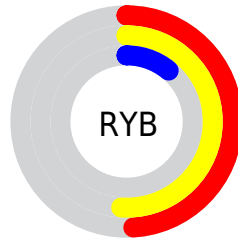
The Hex color **83511C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1C4E83**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BC824B**, and **4D2400** is the 20% darker color. If you saturate the color by 10%, you get **834B0F**, and if you desaturate by 10%, it is **835729**.

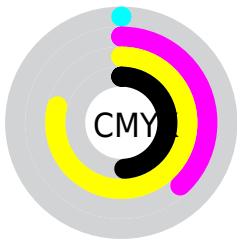
# Distribution



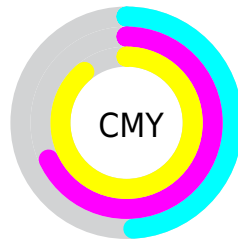
- Red (51%)
- Green (32%)
- Blue (11%)



- Red (49%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (79%)
- Black (49%)



- Cyan (49%)
- Magenta (68%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83511C 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 83511C by changing the saturation by 10% instead.



 83511C

 83511C

FFFFFF

 673A03

 BC824B

 4D2400

 D99D64

 320F00

 F7B87E

 1A0001

 FFD398

 000000

 FFF0B3

 FFFFCF

 FFFFEB

 83511C

 83511C

■ 834B0F

■ 835729

■ 834402

■ 835E36

■ 834300

■ 836443

■ 836A50

■ 83715E

■ 83776B

■ 837E78

■ 838485

■ 838A92

# Harmonies

## Analogous

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



954436



83511C



675D12

# Triad

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



83511C



006D63



685093

# Complementary

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



83511C



1C4E83

# 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.



215EA0



83511C



006C84

# Square

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



83511C



006B41



00679A



8B4278

# Rectangle

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



83511C



50631B



00679A



575599



# Sweetspot

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



83511C



AB9782



831C4F



574A3E



D6D6D6



575757



# Same Dimension

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



83511C



AB5D0A



83831C



423F3C



824300



030100



# Inverse Universe

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



1C4E83



0A58AB



1C1C83



3C3F42



003F82



000103



# Previews

## White Background



This preview shows how the Hex color 83511C looks on a white background.

## Color Contrast Check

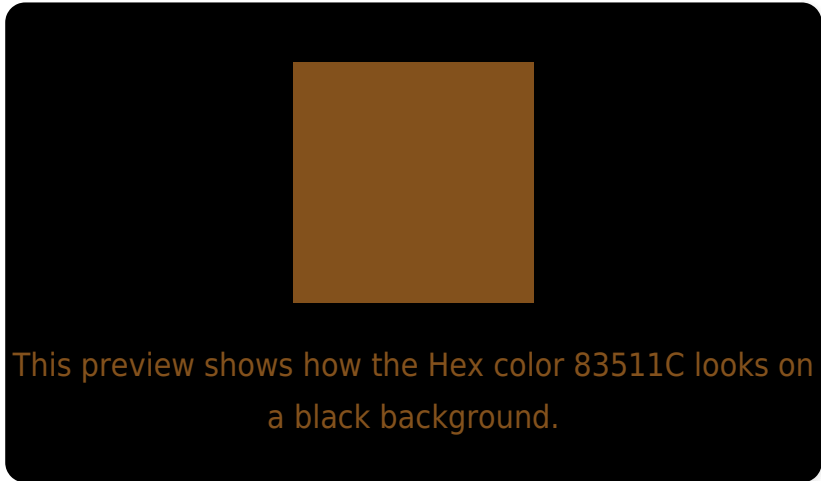
Large Text (above 18pt) WCAG AA ✓ Pass

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

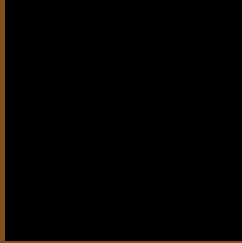
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83511C Background



This preview shows how black text looks on a background with the Hex color 83511C.



This preview shows how white text looks on a background with the Hex color 83511C.

# 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**  
83511C

**Protanopia**  
685D1F

**Deuteranopia**  
755819



**Tritanopia**  
864C51

# Trichromacy



**Original Color**  
83511C

**Protanomaly**  
72591E

**Deuteranomaly**  
7A551A

**Tritanomaly**  
854E3E

# Monochromacy



**Original Color**  
83511C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
695743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83511C 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 #83511C looks like.

```
.text, #text, p{  
    color:#83511C  
}
```

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 #83511C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83511C }  
}
```

## Border

The CSS property to change the border of an element to Hex 83511C is called "border". The border property can be set on classes, ids or directly on the HTML element.

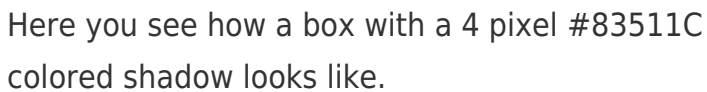
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #83511C }  
}
```

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

```
.border{ border-color:#83511C }
```

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



Here you see how a box with a 4 pixel #83511C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83511C; -webkit-box-shadow:4px 4px  
4px 4px #83511C; box-shadow:4px 4px 4px  
4px #83511C }
```

# Background

The CSS property to change the background color of an element to Hex 83511C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83511C }
```

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

```
.background{ background-color:#83511C }
```

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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