

# Converting Colors

Hex(833117)

Have a look what the booklet for  
Hex(833117) contains.

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**Color**

**Hex(833117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	833117
RGB	131, 49, 23
RGB Percent	51%, 19%, 9%
CMY	0.4863, 0.8078, 0.9098
CMYK	0.00, 0.63, 0.82, 0.49
HSL	14°, 70%, 30%
HSV	14°, 82%, 51%
XYZ	10.6130, 7.0838, 1.6185
YIQ	70.5540, 57.2180, 9.2980

# Conversions

## Conversions Part 2

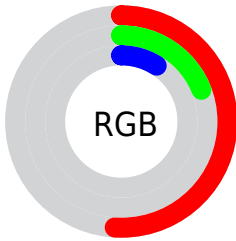
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 57, 23
Decimal	8597783
CIE <sub>Lab</sub>	32.00, 33.89, 33.58
CIE <sub>LCh</sub>	32, 47.706, 44.736
Yxy	7.0838, 0.5495, 0.3667
Android (android.graphics.Color)	4286787863 (0xFF833117)
YUV	70.5540, -23.4441, 53.0111
Hunter-Lab	26.6154, 24.6010, 15.0252

# Details

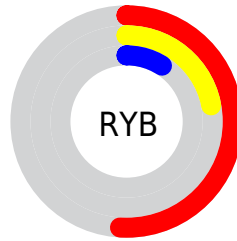
The Hex color **833117** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **176983**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BE6344**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **83270A**, and if you desaturate by 10%, it is **833B24**.

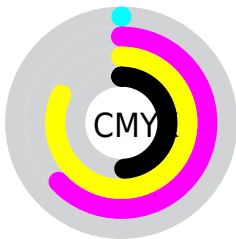
# Distribution



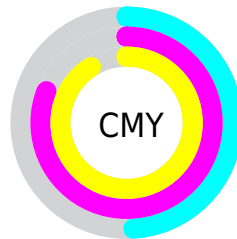
- Red (51%)
- Green (19%)
- Blue (9%)



- Red (51%)
- Yellow (22%)
- Blue (9%)



- Cyan (0%)
- Magenta (63%)
- Yellow (82%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833117 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 833117 by changing the saturation by 10% instead.



 833117

 833117

FFFFFFE

 671800

 BE6344

 4A0000

 DB7C5C

 310000

 FA9775

 000000

 FFB28F

 FFCEAA

 FFEAC5

 FFFFE1

 833117

 833117

■ 83270A

■ 833B24

■ 832000

■ 834531

■ 834F3E

■ 83594B

■ 836358

■ 836D66

■ 837773

■ 838180

■ 838B8D

# Harmonies

## Analogous

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



8D213B



833117



6B4200

# Triad

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



833117



005B36



0F4A94

# Complementary

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



833117



176983

# 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.



005594



833117



005C5D

# Square

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



833117



1C570E



005B80



633881

# Rectangle

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



833117



574C00



005B80



004E97



# Sweetspot

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



833117



AB8A80



83176A



57433D



D6D6D6



575757



# Same Dimension

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



833117



AB2A02



836617



423D3C



821F00



030100



# Inverse Universe

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



176983



0282AB



173483



3C4142



006382



000203



# Previews

## White Background



This preview shows how the Hex color 833117 looks on a white background.

## Color Contrast Check

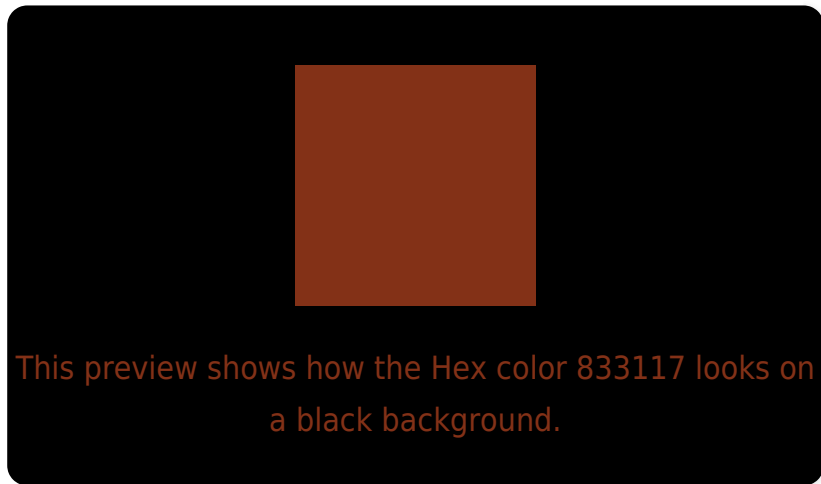
Large Text (above 18pt) WCAG AA ✓ Pass

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 833117 Background



This preview shows how black text looks on a background with the Hex color 833117.



This preview shows how white text looks on a background with the Hex color 833117.

# 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**  
833117

**Protanopia**  
554C1E

**Deuteranopia**  
60480E



**Tritanopia**  
842E31

# Trichromacy



**Original Color**  
833117

**Protanomaly**  
66421B

**Deuteranomaly**  
6D4011

**Tritanomaly**  
842F28

# Monochromacy



**Original Color**  
833117

**Achromatopsia**  
474747

**Achromatomaly**  
5D3F36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833117 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 #833117 looks like.

```
.text, #text, p{  
    color:#833117  
}
```

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 #833117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833117
}
```

## Border

The CSS property to change the border of an element to Hex 833117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

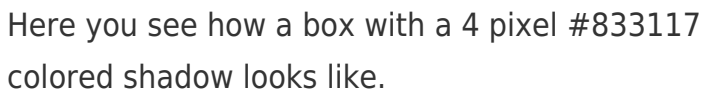
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833117 }
```

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

```
.border{ border-color:#833117 }
```

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



Here you see how a box with a 4 pixel #833117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833117; -webkit-box-shadow:4px 4px  
4px 4px #833117; box-shadow:4px 4px 4px  
4px #833117 }
```

# Background

The CSS property to change the background color of an element to Hex 833117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833117 }
```

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

```
.background{ background-color:#833117 }
```

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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