

# Converting Colors

Hex(883310)

Have a look what the booklet for  
Hex(883310) contains.

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# Color

**Hex(883310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	883310
RGB	136, 51, 16
RGB Percent	53%, 20%, 6%
CMY	0.4667, 0.8000, 0.9373
CMYK	0.00, 0.63, 0.88, 0.47
HSL	18°, 79%, 30%
HSV	18°, 88%, 53%
XYZ	11.4307, 7.6393, 1.3623
YIQ	72.4250, 61.8950, 7.1350

# Conversions

## Conversions Part 2

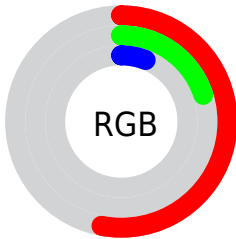
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 65, 16
Decimal	8925968
CIE <sub>Lab</sub>	33.22, 34.65, 38.43
CIE <sub>LCh</sub>	33, 51.743, 47.966
Yxy	7.6393, 0.5594, 0.3739
Android (android.graphics.Color)	4287116048 (0xFF883310)
YUV	72.4250, -27.8175, 55.7553
Hunter-Lab	27.6393, 25.4529, 16.4252

# Details

The Hex color **883310** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **106588**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C3653E**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **882902**, and if you desaturate by 10%, it is **883D1E**.

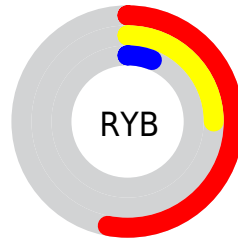
# Distribution



Red (53%)

Green (20%)

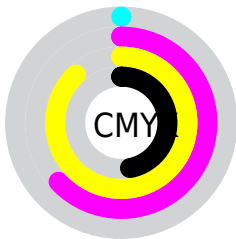
Blue (6%)



Red (53%)

Yellow (25%)

Blue (6%)

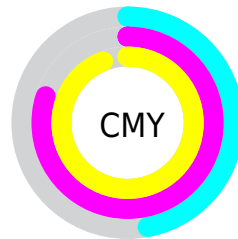


Cyan (0%)

Magenta (63%)

Yellow (88%)

Black (47%)



Cyan (47%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883310 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 883310 by changing the saturation by 10% instead.



 883310

 883310

 FFFFF8

 6B1A00

 C3653E

 4F0000

 E27F56

 340000

 FF996F

 0E0000

 FFB489

 000000

 FFD0A4

 FFEDBF

 FFFFDB

 883310

 883310

■ 882902

■ 883D1E

■ 882800

■ 88462B

■ 885039

■ 885A46

■ 886354

■ 886D62

■ 88766F

■ 88807D

■ 888A8A

# Harmonies

## Analogous

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



951F38



883310



6D4600

# Triad

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



883310



005F3C



1C4B9D

# Complementary

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



883310



106588

# 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.



00589F



883310



006066

# Square

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



883310



0A5B0F



005E8B



6E3686

# Rectangle

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



883310



565000



005E8B



0050A0



# Sweetspot

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



883310



B09082



881066



59463E



D9D9D9



595959



# Same Dimension

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



883310



B03300



886E10



45403E



852700



050100



# Inverse Universe

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



106588



007DB0



102A88



3E4345



005E85



000405



# Previews

## White Background



This preview shows how the Hex color 883310 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 883310 Background



This preview shows how black text looks on a background with the Hex color 883310.



This preview shows how white text looks on a background with the Hex color 883310.

# 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**  
883310

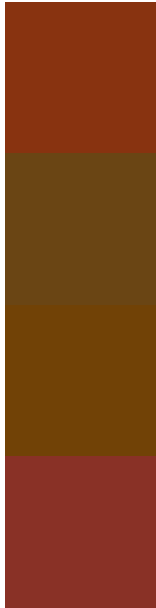
**Protanopia**  
594F17

**Deuteranopia**  
644B00



**Tritanopia**  
893032

# Trichromacy



**Original Color**  
883310

**Protanomaly**  
6A4514

**Deuteranomaly**  
714206

**Tritanomaly**  
893126

# Monochromacy



**Original Color**  
883310

**Achromatopsia**  
484848

**Achromatomaly**  
5F4034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883310 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 #883310 looks like.

```
.text, #text, p{  
    color:#883310  
}
```

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 #883310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883310
}
```

## Border

The CSS property to change the border of an element to Hex 883310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

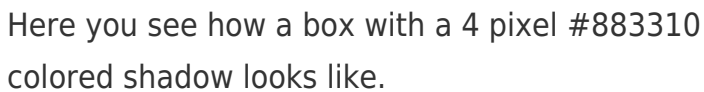
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#883310 }
```

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

```
.border{ border-color:#883310 }
```

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



Here you see how a box with a 4 pixel #883310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883310; -webkit-box-shadow:4px 4px  
4px 4px #883310; box-shadow:4px 4px 4px  
4px #883310 }
```

# Background

The CSS property to change the background color of an element to Hex 883310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883310 }
```

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

```
.background{ background-color:#883310 }
```

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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