

# Converting Colors

Hex(883C25)

Have a look what the booklet for  
Hex(883C25) contains.

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**Color**

**Hex(883C25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883C25
RGB	136, 60, 37
RGB Percent	53%, 24%, 15%
CMY	0.4667, 0.7647, 0.8549
CMYK	0.00, 0.56, 0.73, 0.47
HSL	14°, 57%, 34%
HSV	14°, 73%, 53%
XYZ	12.1031, 8.5995, 2.7722
YIQ	80.1020, 52.6790, 8.9590

# Conversions

## Conversions Part 2

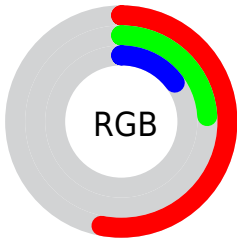
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 67, 37
Decimal	8928293
CIE <sub>Lab</sub>	35.20, 30.85, 29.44
CIE <sub>LCh</sub>	35, 42.646, 43.659
Yxy	8.5995, 0.5156, 0.3663
Android (android.graphics.Color)	4287118373 (0xFF883C25)
YUV	80.1020, -21.2493, 49.0225
Hunter-Lab	29.3250, 22.3527, 14.9225

# Details

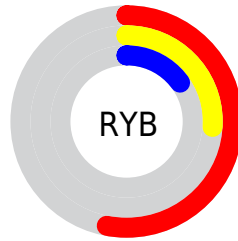
The Hex color **883C25** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **257188**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C26E53**, and **510B00** is the 20% darker color. If you saturate the color by 10%, you get **883217**, and if you desaturate by 10%, it is **884633**.

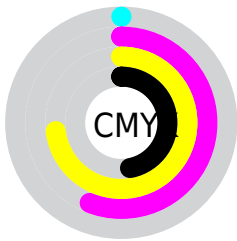
# Distribution



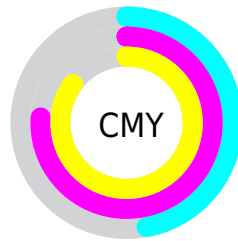
- Red (53%)
- Green (24%)
- Blue (15%)



- Red (53%)
- Yellow (26%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (73%)
- Black (47%)



- Cyan (47%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883C25 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 883C25 by changing the saturation by 10% instead.



 883C25

 883C25

FFFFFF

 6C2410

 C26E53

 510B00

 E0876B

 350000

 FEA285

 160000

 FFBE9F

 000000

 FFDABA

 FFF6D6

 FFFFF2

 883C25

 883C25

■ 883217

■ 884633

■ 88270A

■ 885140

■ 882000

■ 885B4E

■ 88665B

■ 887069

■ 887B77

■ 888584

■ 889092

■ 889A9F

# Harmonies

## Analogous

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



903245



883C25



734A0A

# Triad

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



883C25



00623E



295195

# Complementary

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



883C25



257188

# 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.



005C94



883C25



006362

# Square

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



883C25



2E5E1E



006181



684384

# Rectangle

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



883C25



605302



006181



005597



# Sweetspot

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



883C25



B09289



882573



594742



D9D9D9



595959



# Same Dimension

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



883C25



B03A17



886C25



45403E



851F00



050100



# Inverse Universe

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



257188



178CB0



254188



3E4345



006685



000405



# Previews

## White Background



This preview shows how the Hex color 883C25 looks on a white background.

## Color Contrast Check

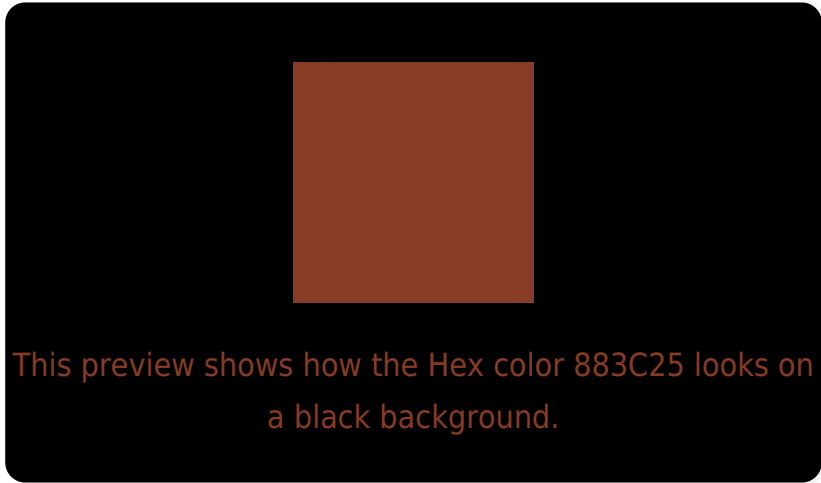
Large Text (above 18pt) WCAG AA ✓ Pass

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 883C25 Background



This preview shows how black text looks on a background with the Hex color 883C25.



This preview shows how white text looks on a background with the Hex color 883C25.

# 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**  
883C25

**Protanopia**  
5C542C

**Deuteranopia**  
684F20



**Tritanopia**  
89393D

# Trichromacy



**Original Color**  
883C25

**Protanomaly**  
6C4B29

**Deuteranomaly**  
744822

**Tritanomaly**  
893A34

# Monochromacy



**Original Color**  
883C25

**Achromatopsia**  
505050

**Achromatomaly**  
644940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883C25 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 #883C25 looks like.

```
.text, #text, p{  
    color:#883C25  
}
```

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 #883C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883C25
}
```

## Border

The CSS property to change the border of an element to Hex 883C25 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
#883C25 }
```

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

```
.border{ border-color:#883C25 }
```

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

Here you see how a box with a 4 pixel #883C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883C25; -webkit-box-shadow:4px 4px  
4px 4px #883C25; box-shadow:4px 4px 4px  
4px #883C25 }
```

# Background

The CSS property to change the background color of an element to Hex 883C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883C25 }
```

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

```
.background{ background-color:#883C25 }
```

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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