

# Converting Colors

Hex(883636)

Have a look what the booklet for  
Hex(883636) contains.

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# Color

**Hex(883636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883636
RGB	136, 54, 54
RGB Percent	53%, 21%, 21%
CMY	0.4667, 0.7882, 0.7882
CMYK	0.00, 0.60, 0.60, 0.47
HSL	0°, 43%, 37%
HSV	0°, 60%, 53%
XYZ	12.1384, 8.1389, 4.4212
YIQ	78.5180, 48.8720, 17.3840

# Conversions

## Conversions Part 2

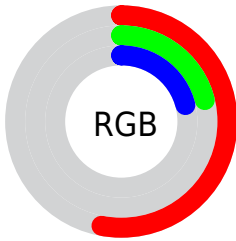
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 54, 54
Decimal	8926774
CIE <sub>Lab</sub>	34.27, 35.11, 17.93
CIE <sub>LCh</sub>	34, 39.424, 27.054
Yxy	8.1389, 0.4915, 0.3295
Android (android.graphics.Color)	4287116854 (0xFF883636)
YUV	78.5180, -12.0874, 50.4117
Hunter-Lab	28.5288, 26.0224, 10.7817

# Details

The Hex color **883636** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **368888**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C16865**, and **51000B** is the 20% darker color. If you saturate the color by 10%, you get **882828**, and if you desaturate by 10%, it is **884444**.

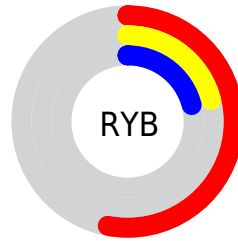
# Distribution



Red (53%)

Green (21%)

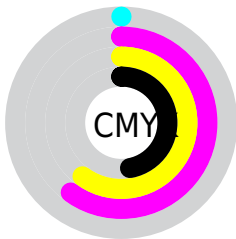
Blue (21%)



Red (53%)

Yellow (21%)

Blue (21%)

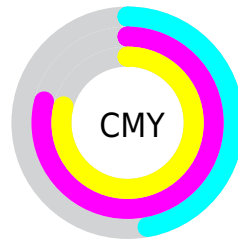


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (47%)



Cyan (47%)

Magenta (79%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883636 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 883636 by changing the saturation by 10% instead.



 883636

 883636

FFFFFF

 6C1D21

 C16865

 51000B

 DF827E

 370000

 FD9D98

 160000

 FFB8B2

 000000

 FFD4CE

 FFF1EA


 883636


 883636

 882828

 884444

 881B1B

 885151

 880D0D

 885F5F

 880000

 886C6C

 887A7A

 888888

 889595

 88A3A3

 88B0B0

# Harmonies

## Analogous

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



873355



883636



7B421B

# Triad

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



883636



175D2D



00558F

# Complementary

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



883636



368888

# 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.



005C85



883636



005F4C

# Square

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



883636



455713



005F6C



4B4A89

# Rectangle

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



883636



6C4A0E



005F6C



00588E



# Sweetspot

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



883636



B09090



883688



594646



D9D9D9



595959



# Same Dimension

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



883636



B03131



885F36



453E3E



850000



050000



# Inverse Universe

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



368888



31B0B0



365F88



3E4545



008585



000505



# Previews

## White Background



This preview shows how the Hex color 883636 looks on a white background.

## Color Contrast Check

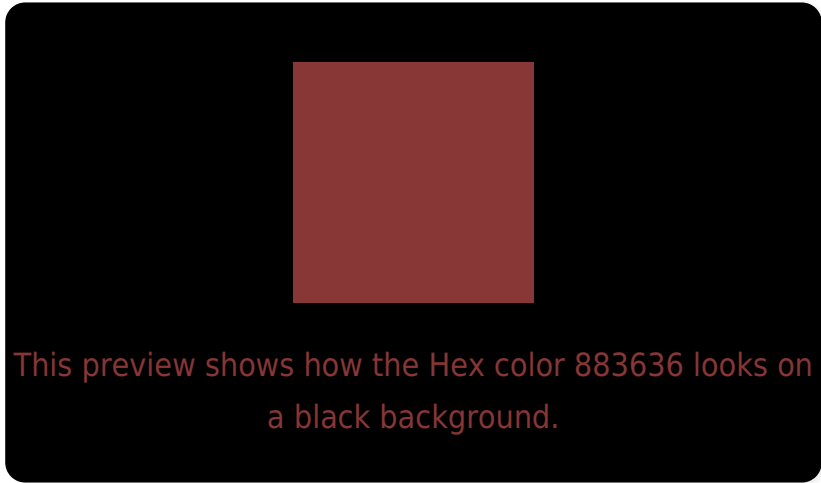
Large Text (above 18pt) WCAG AA ✓ Pass

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

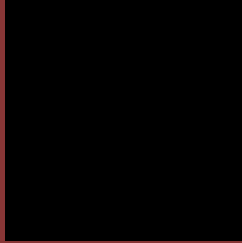
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 883636 Background



This preview shows how black text looks on a background with the Hex color 883636.

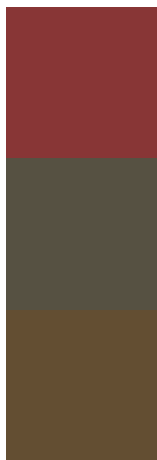


This preview shows how white text looks on a background with the Hex color 883636.

# 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**  
883636

**Protanopia**  
565142

**Deuteranopia**  
634E32



**Tritanopia**  
883639

# Trichromacy



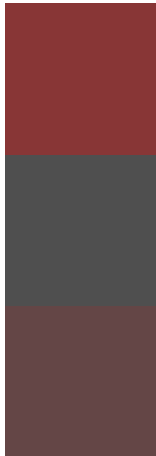
**Original Color**  
883636

**Protanomaly**  
68473E

**Deuteranomaly**  
704533

**Tritanomaly**  
883638

# Monochromacy



**Original Color**  
883636

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
644646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883636 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 #883636 looks like.

```
.text, #text, p{  
    color:#883636  
}
```

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 #883636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883636
}
```

## Border

The CSS property to change the border of an element to Hex 883636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

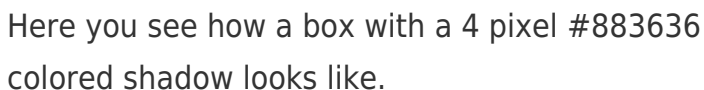
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#883636 }
```

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

```
.border{ border-color:#883636 }
```

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



Here you see how a box with a 4 pixel #883636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883636; -webkit-box-shadow:4px 4px  
4px 4px #883636; box-shadow:4px 4px 4px  
4px #883636 }
```

# Background

The CSS property to change the background color of an element to Hex 883636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883636 }
```

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

```
.background{ background-color:#883636 }
```

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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