

# Converting Colors

Hex(883128)

Have a look what the booklet for  
Hex(883128) contains.

<b>Hex(883128)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(883128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883128
RGB	136, 49, 40
RGB Percent	53%, 19%, 16%
CMY	0.4667, 0.8078, 0.8431
CMYK	0.00, 0.64, 0.71, 0.47
HSL	6°, 55%, 35%
HSV	6°, 71%, 53%
XYZ	11.6347, 7.5841, 2.8581
YIQ	73.9870, 54.7410, 15.6450

# Conversions

## Conversions Part 2

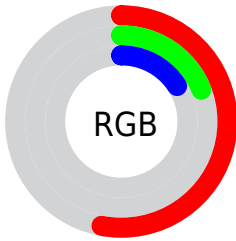
Format	Color
<b>RYB</b>	136, 50, 40
Decimal	8925480
CIELab	33.10, 36.62, 25.22
CIELCh	33, 44.462, 34.555
Yxy	7.5841, 0.5270, 0.3435
Android (android.graphics.Color)	4287115560 (0xFF883128)
YUV	73.9870, -16.7556, 54.3854
Hunter-Lab	27.5392, 27.2185, 13.1240

# Details

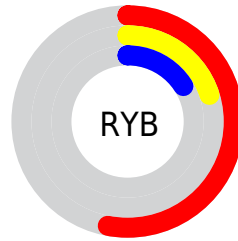
The Hex color **883128** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **287F88**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C26355**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **88251A**, and if you desaturate by 10%, it is **883D36**.

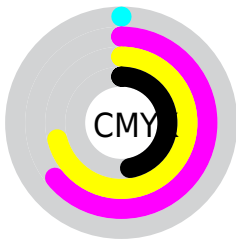
# Distribution



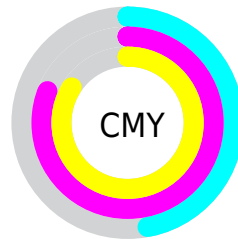
- Red (53%)
- Green (19%)
- Blue (16%)



- Red (53%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883128 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 883128 by changing the saturation by 10% instead.



 883128

 883128

FFFFFF

 6C1713

 C26355

 500000

 E07D6E

 350000

 FE9887

 110000

 FFB3A2

 000000

 FFCFBD

 FFECD9

 FFFFF5

 883128

 883128

■ 88251A

■ 883D36

■ 88180D

■ 884A43

■ 880D00

■ 885651

■ 88625E

■ 886F6C

■ 887B7A

■ 888787

■ 889495

■ 88A0A2

# Harmonies

## Analogous

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



8C294A



883128



764108

# Triad

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



883128



005C2E



005094

# Complementary

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



883128



287F88

# 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.



00598D



883128



005E52

# Square

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



883128



35570B



005D75



554288

# Rectangle

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



883128



644A00



005D75



005494



# Sweetspot

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



883128



B08E8B



882880



594543



D9D9D9



595959



# Same Dimension

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



883128



B0281A



886028



453F3E



850C00



050000



# Inverse Universe

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



287F88



1AA2B0



285088



3E4445



007885



000505



# Previews

## White Background



This preview shows how the Hex color 883128 looks on a white background.

## Color Contrast Check

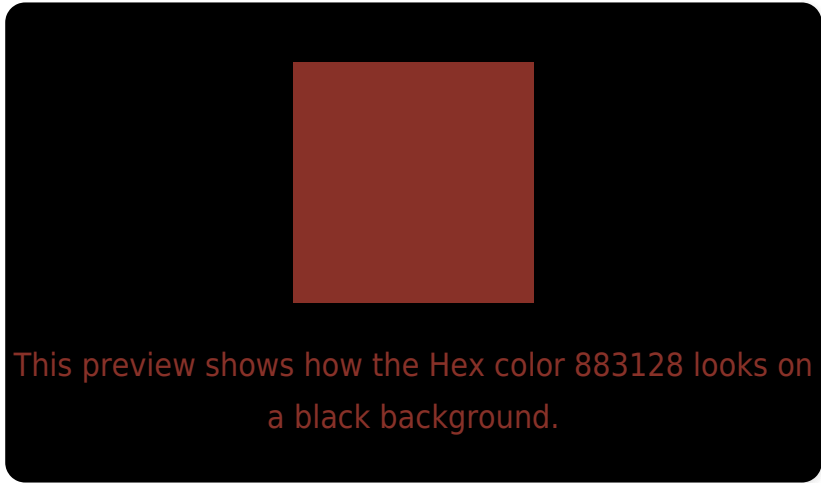
Large Text (above 18pt) WCAG AA ✓ Pass

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 883128 Background



This preview shows how black text looks on a background with the Hex color 883128.



This preview shows how white text looks on a background with the Hex color 883128.

# 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**  
883128

**Protanopia**  
564F32

**Deuteranopia**  
624B23



**Tritanopia**  
883032

# Trichromacy



**Original Color**

883128

**Protanomaly**

68442E

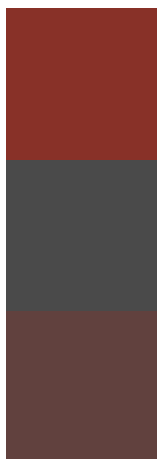
**Deuteranomaly**

704225

**Tritanomaly**

88302E

# Monochromacy



**Original Color**

883128

**Achromatopsia**

4A4A4A

**Achromatomaly**

61413E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883128 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 #883128 looks like.

```
.text, #text, p{  
    color:#883128  
}
```

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 #883128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883128
}
```

## Border

The CSS property to change the border of an element to Hex 883128 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".

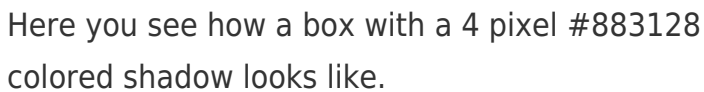
```
.border, #border, table{ border:4px solid
#883128 }
```

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

```
.border{ border-color:#883128 }
```

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

Here you see how a box with a 4 pixel #883128 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883128; -webkit-box-shadow:4px 4px  
4px 4px #883128; box-shadow:4px 4px 4px  
4px #883128 }
```

# Background

The CSS property to change the background color of an element to Hex 883128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883128 }
```

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

```
.background{ background-color:#883128 }
```

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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