

# Converting Colors

Hex(884A3A)

Have a look what the booklet for  
Hex(884A3A) contains.

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**Color**

**Hex(884A3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	884A3A
RGB	136, 74, 58
RGB Percent	53%, 29%, 23%
CMY	0.4667, 0.7098, 0.7725
CMYK	0.00, 0.46, 0.57, 0.47
HSL	12°, 40%, 38%
HSV	12°, 57%, 53%
XYZ	13.3658, 10.4373, 5.3131
YIQ	90.7140, 42.0880, 8.1680

# Conversions

## Conversions Part 2

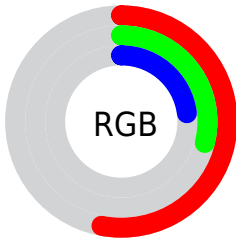
Format	Color
<b>R<sub>YB</sub></b>	136, 78, 58
Decimal	8931898
CIE Lab	38.62, 24.60, 21.08
CIE LCh	39, 32.394, 40.600
Yxy	10.4373, 0.4591, 0.3585
Android (android.graphics.Color)	4287121978 (0xFF884A3A)
YUV	90.7140, -16.1280, 39.7158
Hunter-Lab	32.3068, 17.3115, 12.8640

# Details

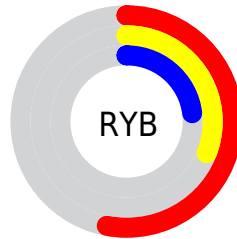
The Hex color **884A3A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A7888**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C07C69**, and **521C0F** is the 20% darker color. If you saturate the color by 10%, you get **883F2C**, and if you desaturate by 10%, it is **885548**.

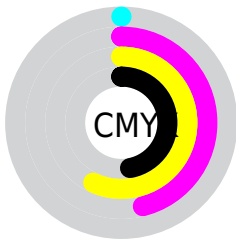
# Distribution



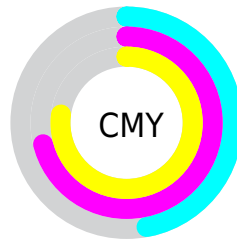
- Red (53%)
- Green (29%)
- Blue (23%)



- Red (53%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (57%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884A3A 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 884A3A by changing the saturation by 10% instead.



 884A3A

 884A3A

FFFFFF

 6D3324

 C07C69

 521C0F

 DD9683

 390500

 FBB19D

 200001

 FFCCB8

 000000

 FFE9D3

 FFFFF0

 884A3A

 884A3A

 883F2C

 885548

88341F

886055

882A11

886A63

881F04

887570

881C00

88807E

888B8C

889699

88A0A7

88ABB4

# Harmonies

## Analogous

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



8C4553



884A3A



795329

# Triad

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



884A3A



1D6749



3F5B8E

# Complementary

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



884A3A



3A7888

# 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.



00628C



884A3A



006864

# Square

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



884A3A



456332



00677C



695083

# Rectangle

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



884A3A



6A5A25



00677C



2C5E8F



# Sweetspot

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



884A3A



B09892



883A78



594B47



D9D9D9



595959



# Same Dimension

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



884A3A



B04F37



88713A



453F3E



851B00



050100



# Inverse Universe

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



3A7888



3797B0



3A5188



3E4345



006985



000405



# Previews

## White Background



This preview shows how the Hex color 884A3A looks on a white background.

## Color Contrast Check

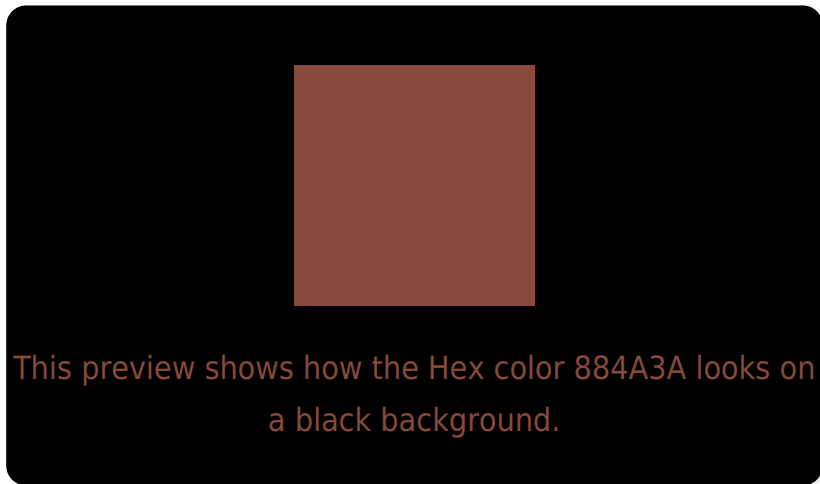
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

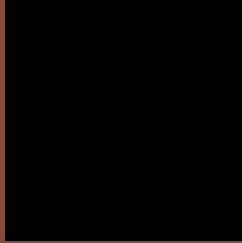
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 884A3A Background



This preview shows how black text looks on a background with the Hex color 884A3A.



This preview shows how white text looks on a background with the Hex color 884A3A.

# 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**  
884A3A

**Protanopia**  
635B41

**Deuteranopia**  
6F5737



**Tritanopia**  
89474D

# Trichromacy



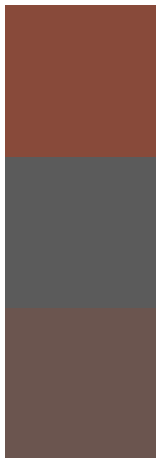
**Original Color**  
884A3A

**Protanomaly**  
70553E

**Deuteranomaly**  
785238

**Tritanomaly**  
894846

# Monochromacy



**Original Color**  
884A3A

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6B554F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884A3A 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 #884A3A looks like.

```
.text, #text, p{  
    color:#884A3A  
}
```

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 #884A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884A3A
}
```

## Border

The CSS property to change the border of an element to Hex 884A3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

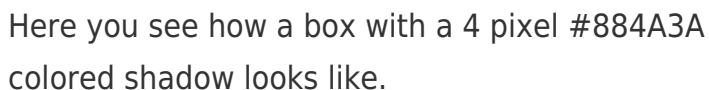
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#884A3A }
```

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

```
.border{ border-color:#884A3A }
```

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



Here you see how a box with a 4 pixel #884A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884A3A; -webkit-box-shadow:4px 4px  
4px 4px #884A3A; box-shadow:4px 4px 4px  
4px #884A3A }
```

# Background

The CSS property to change the background color of an element to Hex 884A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884A3A }
```

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

```
.background{ background-color:#884A3A }
```

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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