

# Converting Colors

Hex(884F47)

Have a look what the booklet for  
Hex(884F47) contains.

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# Color

**Hex(884F47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	884F47
RGB	136, 79, 71
RGB Percent	53%, 31%, 28%
CMY	0.4667, 0.6902, 0.7216
CMYK	0.00, 0.42, 0.48, 0.47
HSL	7°, 31%, 41%
HSV	7°, 48%, 53%
XYZ	14.0867, 11.2811, 7.3963
YIQ	95.1310, 36.5400, 9.5960

# Conversions

## Conversions Part 2

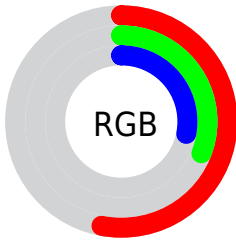
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 80, 71
Decimal	8933191
CIELab	40.05, 23.01, 15.03
CIElCh	40, 27.483, 33.162
Yxy	11.2811, 0.4299, 0.3443
Android (android.graphics.Color)	4287123271 (0xFF884F47)
YUV	95.1310, -11.8966, 35.8421
Hunter-Lab	33.5874, 16.0855, 10.4550

# Details

The Hex color **884F47** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **478088**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C08177**, and **53211C** is the 20% darker color. If you saturate the color by 10%, you get **884339**, and if you desaturate by 10%, it is **885B55**.

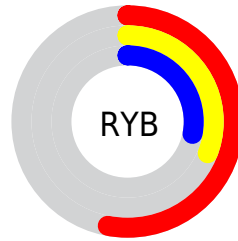
# Distribution



Red (53%)

Green (31%)

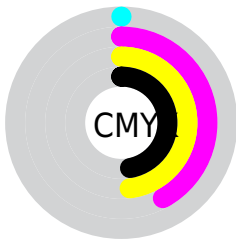
Blue (28%)



Red (53%)

Yellow (31%)

Blue (28%)

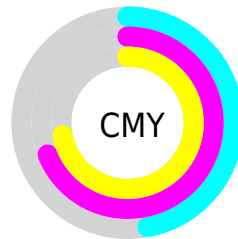


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884F47 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 884F47 by changing the saturation by 10% instead.



 884F47

 884F47

FFFFFF

 6D3731

 C08177

 53211C

 DC9B91

 3A0A01

 FAB6AC

 250001

 FFD2C7

 000000

 FFEED3

 884F47

 884F47

 884339

 885B55

 88372C

 886762

■ 882B1E

■ 887370

■ 881F11

■ 887F7D

■ 881303

■ 888B8B

■ 881100

■ 889799

■ 88A2A6

■ 88AEB4

■ 88BAC1

# Harmonies

## Analogous

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



884C5D



884F47



7D5637

# Triad

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



884F47



376849



40608B

# Complementary

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



884F47



478088

# 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.



086686



884F47



0E6A60

# Square

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



884F47



536438



006976



645884

# Rectangle

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



884F47



715B31



006976



31628B



# Sweetspot

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



884F47



B09A97



884780



594C4A



D9D9D9



595959



# Same Dimension

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



884F47



B0584C



886F47



453F3E



851000



050100



# Inverse Universe

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



478088



4CA4B0



476088



3E4445



007485



000405



# Previews

## White Background



This preview shows how the Hex color 884F47 looks on a white background.

## Color Contrast Check

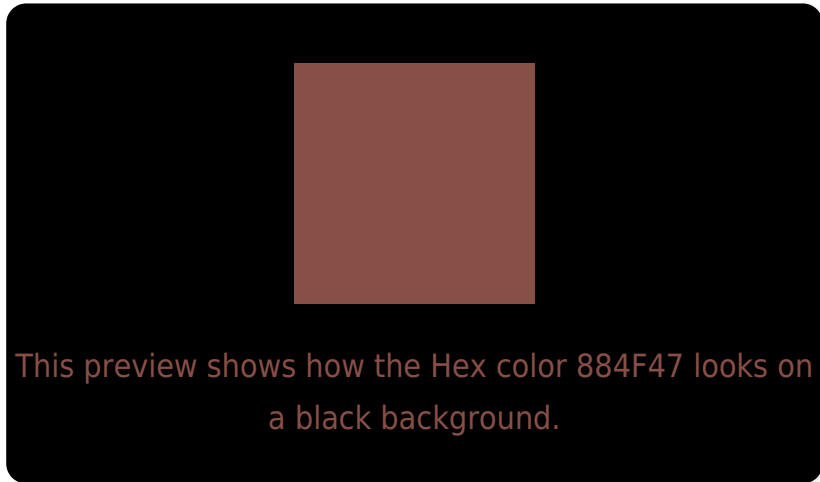
Large Text (above 18pt) WCAG AA ✓ Pass

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

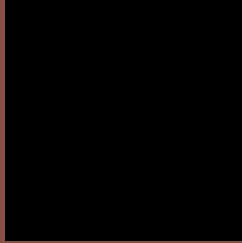
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 884F47 Background



This preview shows how black text looks on a background with the Hex color 884F47.



This preview shows how white text looks on a background with the Hex color 884F47.

# 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**  
884F47

**Protanopia**  
645F4E

**Deuteranopia**  
705B45



**Tritanopia**  
894D53

# Trichromacy



**Original Color**  
884F47

**Protanomaly**  
71594B

**Deuteranomaly**  
795746

**Tritanomaly**  
894E4F

# Monochromacy



**Original Color**  
884F47

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6E5956

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884F47 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 #884F47 looks like.

```
.text, #text, p{  
    color:#884F47  
}
```

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 #884F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884F47
}
```

## Border

The CSS property to change the border of an element to Hex 884F47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

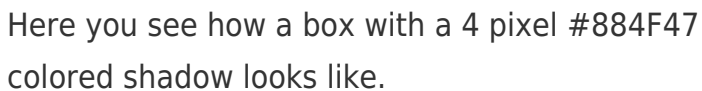
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#884F47 }
```

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

```
.border{ border-color:#884F47 }
```

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



Here you see how a box with a 4 pixel #884F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884F47; -webkit-box-shadow:4px 4px  
4px 4px #884F47; box-shadow:4px 4px 4px  
4px #884F47 }
```

# Background

The CSS property to change the background color of an element to Hex 884F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884F47 }
```

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

```
.background{ background-color:#884F47 }
```

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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