

# Converting Colors

Hex(847F52)

Have a look what the booklet for  
Hex(847F52) contains.

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**Color**

**Hex(847F52)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847F52
RGB	132, 127, 82
RGB Percent	52%, 50%, 32%
CMY	0.4824, 0.5020, 0.6784
CMYK	0.00, 0.04, 0.38, 0.48
HSL	54°, 23%, 42%
HSV	54°, 38%, 52%
XYZ	18.6281, 20.6935, 10.9951
YIQ	123.3650, 17.4250, -12.9350

# Conversions

## Conversions Part 2

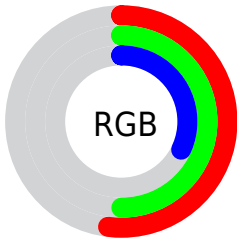
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 132, 82
Decimal	8683346
CIE <sub>Lab</sub>	52.61, -5.31, 25.16
CIE <sub>LCh</sub>	53, 25.717, 101.915
Yxy	20.6935, 0.3702, 0.4113
Android (android.graphics.Color)	4286873426 (0xFF847F52)
YUV	123.3650, -20.3929, 7.5729
Hunter-Lab	45.4901, -6.5123, 17.5125

# Details

The Hex color **847F52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **525784**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BAB484**, and **514E24** is the 20% darker color. If you saturate the color by 10%, you get **847E45**, and if you desaturate by 10%, it is **84805F**.

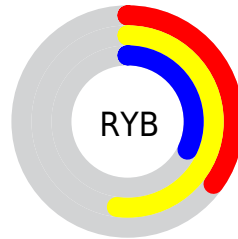
# Distribution



Red (52%)

Green (50%)

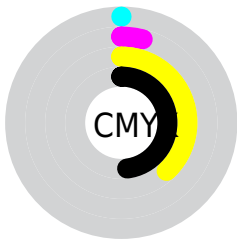
Blue (32%)



Red (35%)

Yellow (52%)

Blue (32%)

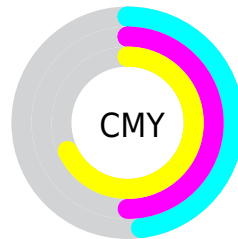


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (48%)



Cyan (48%)

Magenta (50%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847F52 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 847F52 by changing the saturation by 10% instead.



 847F52

 847F52

FFFFFF

 6A663A

 BAB484

 514E24


 D6CF9E

 39370E

 F3EBB9

 242200

 FFFFD5

 010D00

 FFFFF2

 000000


 847F52

 847F52

 847E45

 84805F

 847C38

 84826C

■ 847B2A

■ 84837A

■ 847A1D

■ 848487

■ 847810

■ 848694

■ 847703

■ 8487A1

■ 847700

■ 8488AE

■ 848ABC

■ 848BC9

# Harmonies

## Analogous

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



987854



847F52



6B855C

# Triad

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



847F52



34889A



A16F8C

# Complementary

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



847F52



525784

# 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.



8C759E



847F52



4C84A7

# Square

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



847F52



3A8A86



6D7DA8



A96D75

# Rectangle

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



847F52



5A8868



6D7DA8



9B7093



# Sweetspot

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



847F52



ABA998



845257



57564B



D6D6D6



575757



# Same Dimension

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



847F52



ABA35E



718452



42423C



827500



030200



# Inverse Universe

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



525784



5E66AB



665284



3C3C42



000D82



000003



# Previews

## White Background



This preview shows how the Hex color 847F52 looks on a white background.

## Color Contrast Check

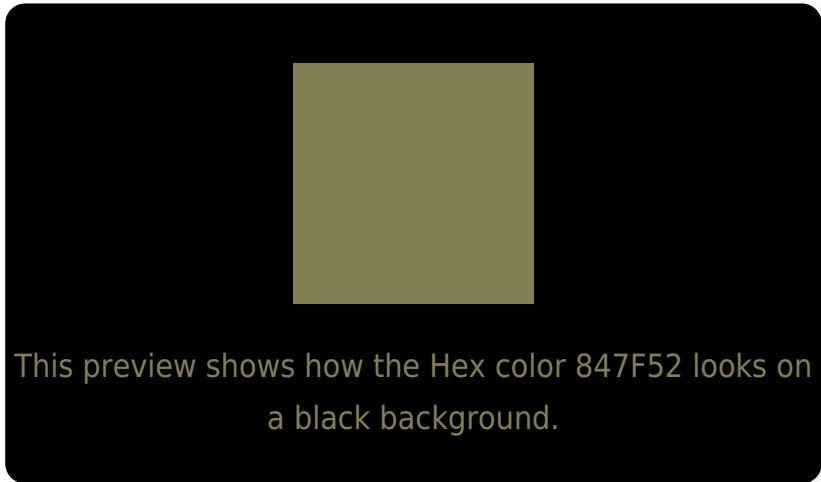
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

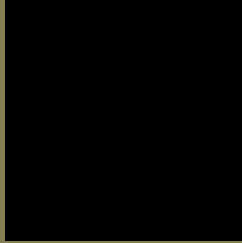
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847F52 Background



This preview shows how black text looks on a background with the Hex color 847F52.



This preview shows how white text looks on a background with the Hex color 847F52.

# 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**  
847F52

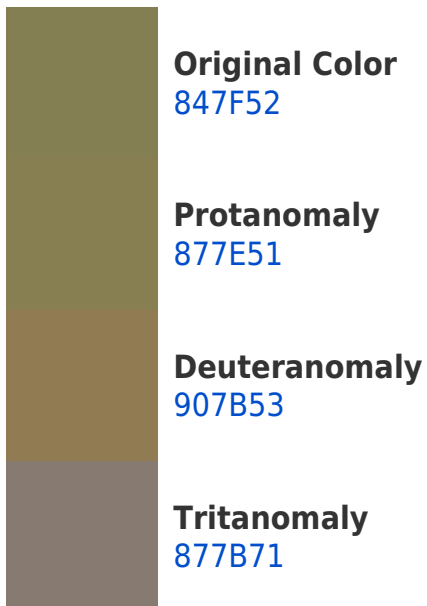
**Protanopia**  
887E51

**Deuteranopia**  
977854

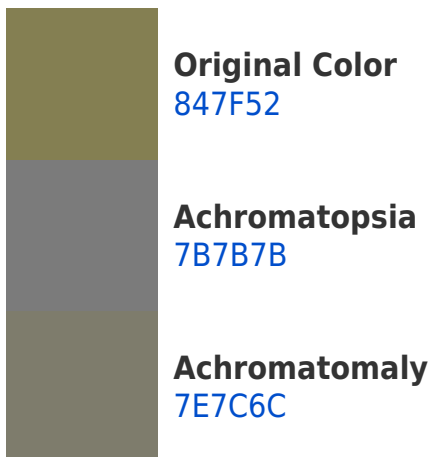


**Tritanopia**  
897983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847F52 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 #847F52 looks like.

```
.text, #text, p{  
    color:#847F52  
}
```

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 #847F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847F52
}
```

## Border

The CSS property to change the border of an element to Hex 847F52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

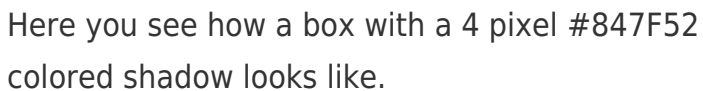
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847F52 }
```

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

```
.border{ border-color:#847F52 }
```

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



Here you see how a box with a 4 pixel #847F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847F52; -webkit-box-shadow:4px 4px  
4px 4px #847F52; box-shadow:4px 4px 4px  
4px #847F52 }
```

# Background

The CSS property to change the background color of an element to Hex 847F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847F52 }
```

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

```
.background{ background-color:#847F52 }
```

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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