

# Converting Colors

Hex(897B75)

Have a look what the booklet for  
Hex(897B75) contains.

<b>Hex(897B75)</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(897B75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	897B75
RGB	137, 123, 117
RGB Percent	54%, 48%, 46%
CMY	0.4627, 0.5176, 0.5412
CMYK	0.00, 0.10, 0.15, 0.46
HSL	18°, 8%, 50%
HSV	18°, 15%, 54%
XYZ	20.6104, 20.7686, 19.7521
YIQ	126.5020, 10.2700, 1.1020

# Conversions

## Conversions Part 2

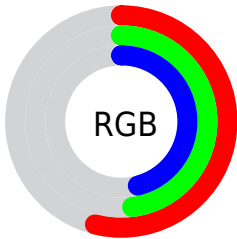
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 126, 117
Decimal	9010037
CIE <sub>Lab</sub>	52.70, 4.29, 5.22
CIE <sub>LCh</sub>	53, 6.758, 50.602
Yxy	20.7686, 0.3372, 0.3397
Android (android.graphics.Color)	4287200117 (0xFF897B75)
YUV	126.5020, -4.6845, 9.2067
Hunter-Lab	45.5726, 0.9751, 6.2034

# Details

The Hex color **897B75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758389**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BEAFA9**, and **574A45** is the 20% darker color. If you saturate the color by 10%, you get **897167**, and if you desaturate by 10%, it is **898583**.

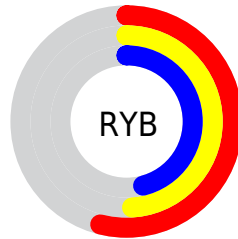
# Distribution



Red (54%)

Green (48%)

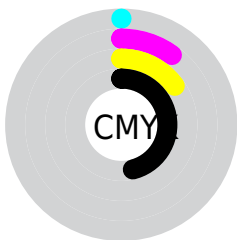
Blue (46%)



Red (54%)

Yellow (49%)

Blue (46%)

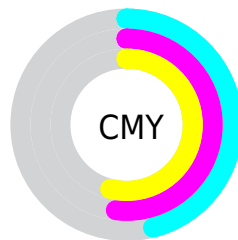


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 897B75 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 897B75 by changing the saturation by 10% instead.





897B75



897B75

FFFFFF



70625C



BEAFA9



574A45



DACBC4



40342F



F7E7E0



291F1A

FFFFFFD



160600



000000



897B75



897B75



897167



898583



89685A



898E90

 895E4C

 89989E

 89553E

 89A1AC

 894B31

 89ABBA

 894123

 89B5C7

 893815

 89BED5

 892E07

 89C8E3

 892900

 89D1F0

# Harmonies

## Analogous

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



8B7A7A



897B75



857D72

# Triad

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



897B75



72817C



7D7D89

# Complementary

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



897B75



758389

# 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.



767F89



897B75



708182

# Square

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



897B75



788076



718086



847B85

# Rectangle

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



897B75



807E72



718086



7A7E89



# Sweetspot

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



897B75



B3AEAB



897583



595655



D9D9D9



595959



# Same Dimension

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



897B75



B39C92



898575



45403E



852800



050200



# Inverse Universe

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



758389



92A9B3



757989



3E4345



005D85



000405



# Previews

## White Background



This preview shows how the Hex color 897B75 looks on a white background.

## Color Contrast Check

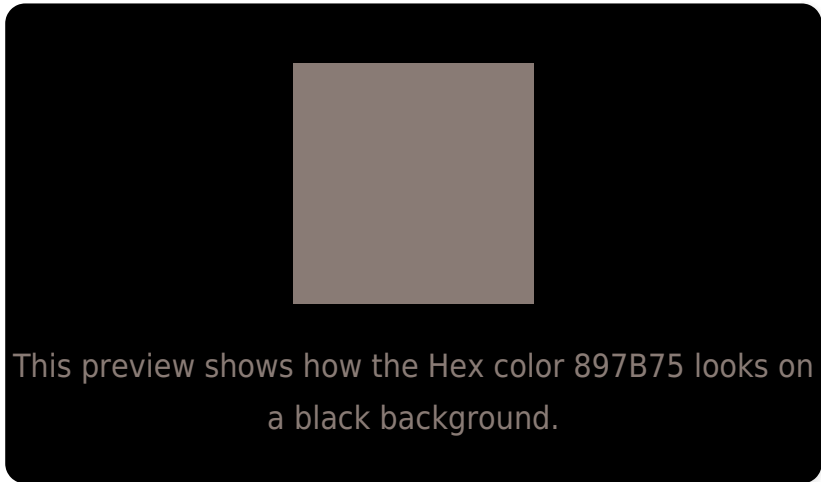
Large Text (above 18pt) WCAG AA ✓ Pass

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

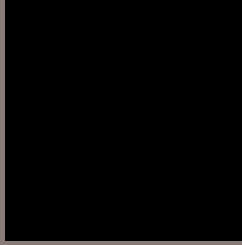
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 897B75 Background



This preview shows how black text looks on a background with the Hex color 897B75.



This preview shows how white text looks on a background with the Hex color 897B75.

# 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**  
897B75

**Protanopia**  
827D76

**Deuteranopia**  
8D7975



**Tritanopia**  
8B7982

# Trichromacy



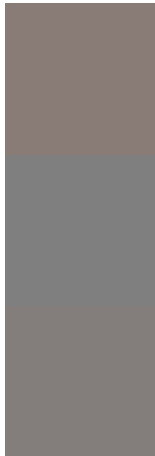
**Original Color**  
897B75

**Protanomaly**  
857C76

**Deuteranomaly**  
8C7A75

**Tritanomaly**  
8A7A7D

# Monochromacy



**Original Color**  
897B75

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
837E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 897B75 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 #897B75 looks like.

```
.text, #text, p{  
    color:#897B75  
}
```

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 #897B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897B75
}
```

## Border

The CSS property to change the border of an element to Hex 897B75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

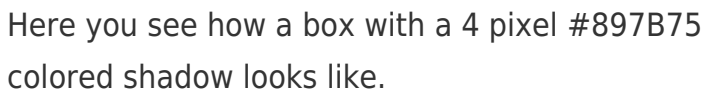
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#897B75 }
```

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

```
.border{ border-color:#897B75 }
```

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



Here you see how a box with a 4 pixel #897B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897B75; -webkit-box-shadow:4px 4px  
4px 4px #897B75; box-shadow:4px 4px 4px  
4px #897B75 }
```

# Background

The CSS property to change the background color of an element to Hex 897B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897B75 }
```

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

```
.background{ background-color:#897B75 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor