

# Converting Colors

Hex(897B65)

Have a look what the booklet for  
Hex(897B65) contains.

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**Color**

**Hex(897B65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	897B65
RGB	137, 123, 101
RGB Percent	54%, 48%, 40%
CMY	0.4627, 0.5176, 0.6039
CMYK	0.00, 0.10, 0.26, 0.46
HSL	37°, 15%, 47%
HSV	37°, 26%, 54%
XYZ	19.7484, 20.4239, 15.2133
YIQ	124.6780, 15.4060, -3.8740

# Conversions

## Conversions Part 2

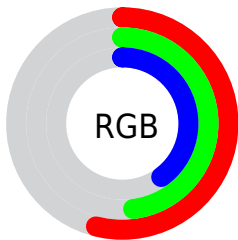
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 137, 101
Decimal	9010021
CIELab	52.31, 1.69, 14.00
CIElCh	52, 14.102, 83.117
Yxy	20.4239, 0.3566, 0.3688
Android (android.graphics.Color)	4287200101 (0xFF897B65)
YUV	124.6780, -11.6733, 10.8064
Hunter-Lab	45.1928, -1.0860, 11.6761

# Details

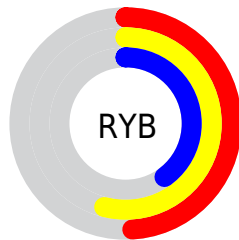
The Hex color **897B65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **657389**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BFAF98**, and **574A36** is the 20% darker color. If you saturate the color by 10%, you get **897657**, and if you desaturate by 10%, it is **898073**.

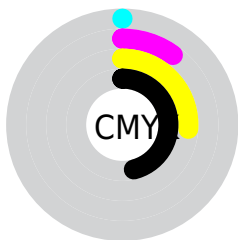
# Distribution



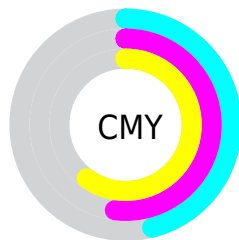
- Red (54%)
- Green (48%)
- Blue (40%)



- Red (49%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 897B65 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 897B65 by changing the saturation by 10% instead.



 897B65

 897B65

FFFFFF

 6F624D

 BFAF98

 574A36

 DBCBB3

 3F3421

 F7E7CE

 291F0A

 FFFFEB

 100700

 000000

 897B65

 897B65

 897657

 898073

 89704A

 898680

■ 896B3C

■ 898B8E

■ 89662E

■ 89909C

■ 896021

■ 8996A9

■ 895B13

■ 899BB7

■ 895605

■ 89A0C5

■ 895400

■ 89A6D3

■ 89ABE0

# Harmonies

## Analogous

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



92776A



897B65



7C7F66

# Triad

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



897B65



5D8486



8A778B

# Complementary

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



897B65



657389

# 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.



7B7B93



897B65



608290

# Square

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



897B65



628479



6C7F94



937580

# Rectangle

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



897B65



73816B



6C7F94



85788E



# Sweetspot

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



897B65



B3ADA4



896573



595650



D9D9D9



595959



# Same Dimension

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



897B65



B39C79



858965



45423E



855100



050300



# Inverse Universe

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



657389



7990B3



696589



3E4145



003485



000205



# Previews

## White Background



This preview shows how the Hex color 897B65 looks on a white background.

## Color Contrast Check

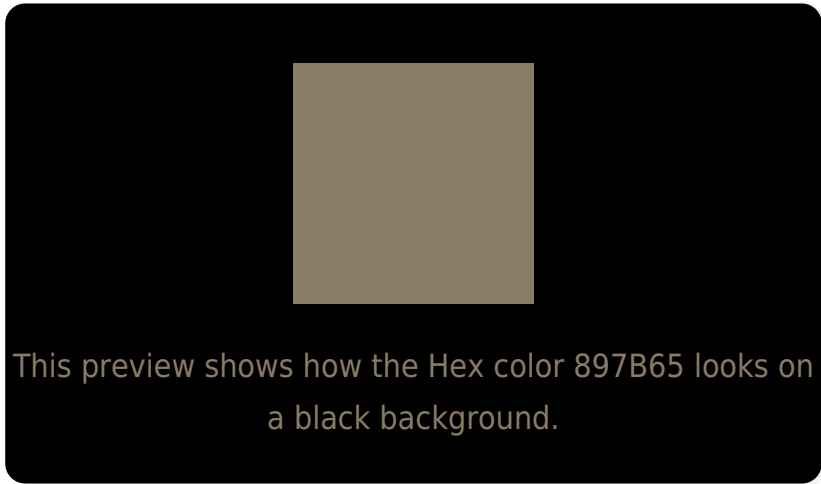
Large Text (above 18pt) WCAG AA ✓ Pass

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

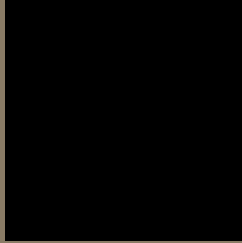
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 897B65 Background



This preview shows how black text looks on a background with the Hex color 897B65.



This preview shows how white text looks on a background with the Hex color 897B65.

# 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**  
897B65

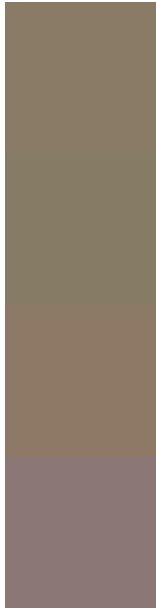
**Protanopia**  
847D66

**Deuteranopia**  
917866



**Tritanopia**  
8C7780

# Trichromacy



**Original Color**  
897B65

**Protanomaly**  
867C66

**Deuteranomaly**  
8E7966

**Tritanomaly**  
8B7876

# Monochromacy



**Original Color**  
897B65

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
817C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 897B65 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 #897B65 looks like.

```
.text, #text, p{  
    color:#897B65  
}
```

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 #897B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897B65
}
```

## Border

The CSS property to change the border of an element to Hex 897B65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

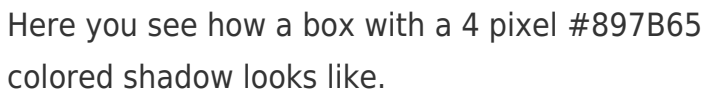
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#897B65 }
```

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

```
.border{ border-color:#897B65 }
```

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



Here you see how a box with a 4 pixel #897B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897B65; -webkit-box-shadow:4px 4px  
4px 4px #897B65; box-shadow:4px 4px 4px  
4px #897B65 }
```

# Background

The CSS property to change the background color of an element to Hex 897B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897B65 }
```

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

```
.background{ background-color:#897B65 }
```

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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