

# Converting Colors

Hex(897A5B)

Have a look what the booklet for  
Hex(897A5B) contains.

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**Color**

**Hex(897A5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	897A5B
RGB	137, 122, 91
RGB Percent	54%, 48%, 36%
CMY	0.4627, 0.5216, 0.6431
CMYK	0.00, 0.11, 0.34, 0.46
HSL	40°, 20%, 45%
HSV	40°, 34%, 54%
XYZ	19.1644, 19.9928, 12.7464
YIQ	122.9510, 18.8910, -6.4610

# Conversions

## Conversions Part 2

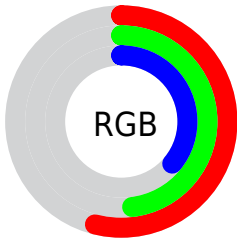
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 137, 91
Decimal	9009755
CIELab	51.83, 0.83, 19.11
CIElCh	52, 19.127, 87.519
Yxy	19.9928, 0.3692, 0.3852
Android (android.graphics.Color)	4287199835 (0xFF897A5B)
YUV	122.9510, -15.7518, 12.3210
Hunter-Lab	44.7133, -1.7420, 14.3974

# Details

The Hex color **897A5B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B6A89**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BFAE8D**, and **564A2D** is the 20% darker color. If you saturate the color by 10%, you get **89764D**, and if you desaturate by 10%, it is **897E69**.

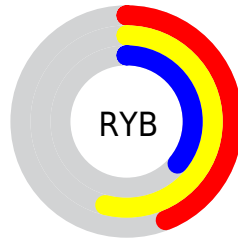
# Distribution



Red (54%)

Green (48%)

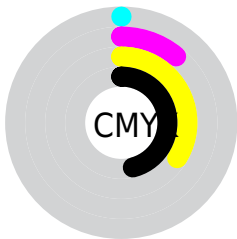
Blue (36%)



Red (44%)

Yellow (54%)

Blue (36%)

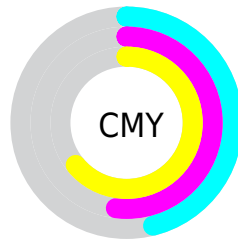


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 897A5B 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 897A5B by changing the saturation by 10% instead.



 897A5B

 897A5B

FFFFFF

 6F6143

 BFAE8D

 564A2D

 DBCAA8

 3E3318

 F8E6C3

 291E00

 FFFFDF

 0C0600

 FFFFFC

 000000

 897A5B

 897A5B

 89764D

 897E69

 897140

 898376

896D32

898784

896824

898C92

896416

8990A0

895F09

8995AD

895C00

8999BB

899EC9

89A2D6

# Harmonies

## Analogous

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



967561



897A5B



787F5E

# Triad

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



897A5B



4C848A



8F738D

# Complementary

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



897A5B



5B6A89

# 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.



7C7898



897A5B



538297

# Square

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



897A5B



54857A



667D9C



9B707E

# Rectangle

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



897A5B



6B8265



667D9C



8A7492



# Sweetspot

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



897A5B



B3ADA1



895B6A



59564F



D9D9D9



595959



# Same Dimension

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



897A5B



B39B6B



81895B



45433E



855900



050300



# Inverse Universe

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



5B6A89



6B82B3



635B89



3E4045



002B85



000205



# Previews

## White Background



This preview shows how the Hex color 897A5B looks on a white background.

## Color Contrast Check

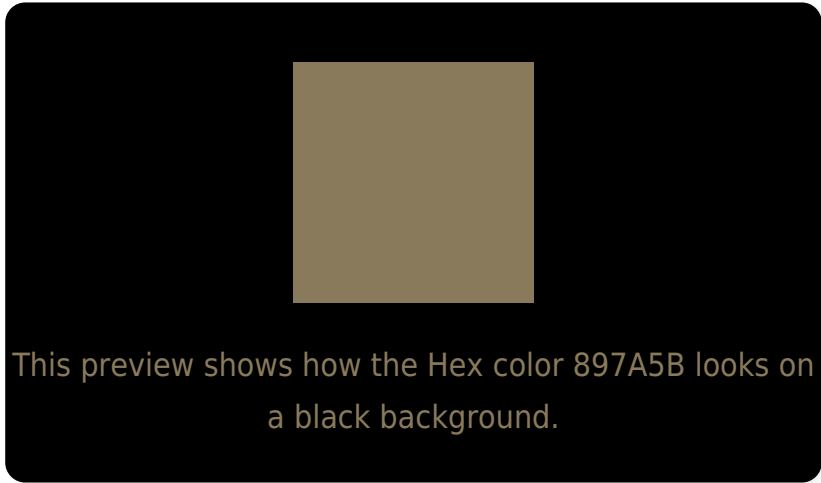
Large Text (above 18pt) WCAG AA ✓ Pass

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

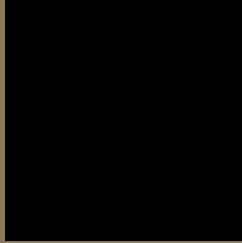
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 897A5B Background



This preview shows how black text looks on a background with the Hex color 897A5B.



This preview shows how white text looks on a background with the Hex color 897A5B.

# 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**  
897A5B

**Protanopia**  
857B5C

**Deuteranopia**  
92775C



**Tritanopia**  
8D757E

# Trichromacy



**Original Color**  
897A5B

**Protanomaly**  
867B5C

**Deuteranomaly**  
8F785C

**Tritanomaly**  
8C7771

# Monochromacy



**Original Color**  
897A5B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
807B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 897A5B 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 #897A5B looks like.

```
.text, #text, p{  
    color:#897A5B  
}
```

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 #897A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897A5B
}
```

## Border

The CSS property to change the border of an element to Hex 897A5B 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
#897A5B }
```

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

```
.border{ border-color:#897A5B }
```

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

Here you see how a box with a 4 pixel #897A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897A5B; -webkit-box-shadow:4px 4px  
4px 4px #897A5B; box-shadow:4px 4px 4px  
4px #897A5B }
```

# Background

The CSS property to change the background color of an element to Hex 897A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897A5B }
```

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

```
.background{ background-color:#897A5B }
```

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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