

Converting Colors

Hex(897C49)

Have a look what the booklet for
Hex(897C49) contains.

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Color

Hex(897C49)

Conversions

Conversions Part 1

Format	Color
Hex	897C49
RGB	137, 124, 73
RGB Percent	54%, 49%, 29%
CMY	0.4627, 0.5137, 0.7137
CMYK	0.00, 0.09, 0.47, 0.46
HSL	48°, 30%, 41%
HSV	48°, 47%, 54%
XYZ	18.7268, 20.2147, 9.2182
YIQ	122.0730, 24.1190, -13.1050

Conversions

Conversions Part 2

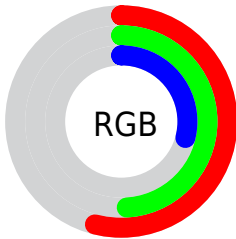
Format	Color
RYB	89, 137, 73
Decimal	9010249
CIELab	52.08, -2.50, 29.56
CIELCh	52, 29.664, 94.833
Yxy	20.2147, 0.3888, 0.4197
Android (android.graphics.Color)	4287200329 (0xFF897C49)
YUV	122.0730, -24.1930, 13.0910
Hunter-Lab	44.9608, -4.3336, 19.3165

Details

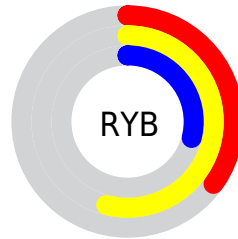
The Hex color **897C49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **495689**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C0B07B**, and **554B1B** is the 20% darker color. If you saturate the color by 10%, you get **89793B**, and if you desaturate by 10%, it is **897F57**.

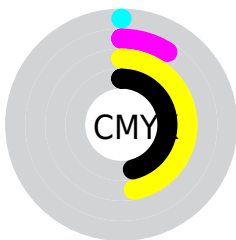
Distribution



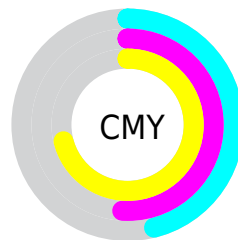
- Red (54%)
- Green (49%)
- Blue (29%)



- Red (35%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 897C49 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 897C49 by changing the saturation by 10% instead.



897C49



897C49

FFFFFF



6F6332



C0B07B



554B1B



DCCC95



3D3503



F9E8B0



262000



FFFFCB



050900



FFFFE7



000000



897C49



897C49



89793B



897F57



89762E



898264

■ 897420

■ 898472

■ 897112

■ 898780

■ 896E05

■ 898A8D

■ 896D00

■ 898D9B

■ 898FA9

■ 8992B7

■ 8995C4

Harmonies

Analogous

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



9F734F



897C49



6E8352

Triad

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



897C49



0F8998



A06C92

Complementary

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



897C49



495689

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.



8574A6



897C49



3285AA

Square

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



897C49



2C8A80



5E7DAF



AD6879

Rectangle

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



897C49



5A875E



5E7DAF



986E9A

Sweetspot

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



897C49



B3AD9A



894957



59564A



D9D9D9



595959

Same Dimension

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



897C49



B39E4F



778949



45433E



856A00



050400

Inverse Universe

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



495689



4F63B3



5B4989



3E3F45



001B85



000105

Previews

White Background



This preview shows how the Hex color 897C49 looks on a white background.

Color Contrast Check

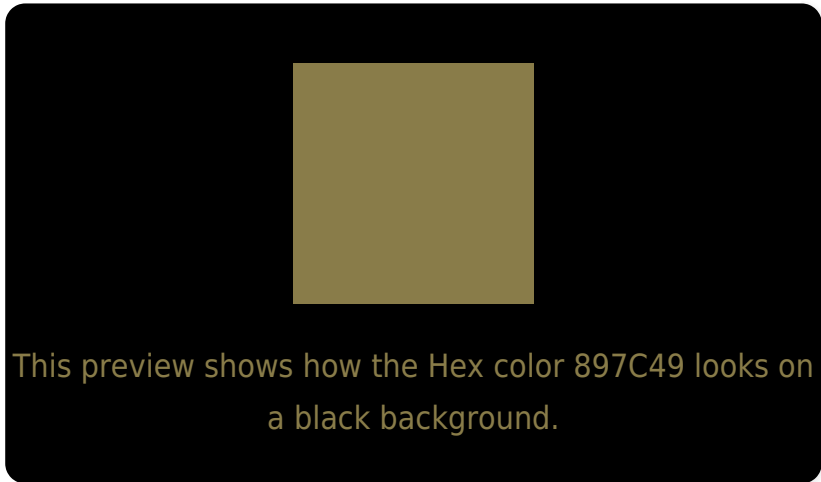
Large Text (above 18pt) WCAG AA ✓ Pass

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

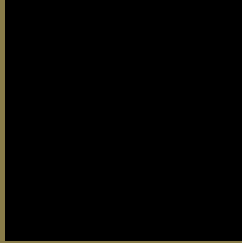
Any Text WCAG AA ✓ Pass

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 897C49 Background



This preview shows how black text looks on a background with the Hex color 897C49.



This preview shows how white text looks on a background with the Hex color 897C49.

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](#).

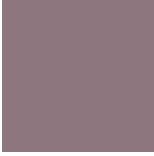
Dichromacy



Original Color
897C49

Protanopia
887C49

Deuteranopia
97774A



Tritanopia
8E767F

Trichromacy



Original Color
897C49

Protanomaly
887C49

Deuteranomaly
92794A

Tritanomaly
8C786B

Monochromacy



Original Color
897C49

Achromatopsia
7A7A7A

Achromatomaly
7F7B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 897C49 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 #897C49 looks like.

```
.text, #text, p{  
    color:#897C49  
}
```

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 #897C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897C49
}
```

Border

The CSS property to change the border of an element to Hex 897C49 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
#897C49 }
```

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

```
.border{ border-color:#897C49 }
```

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

Here you see how a box with a 4 pixel #897C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897C49; -webkit-box-shadow:4px 4px  
4px 4px #897C49; box-shadow:4px 4px 4px  
4px #897C49 }
```

Background

The CSS property to change the background color of an element to Hex 897C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897C49 }
```

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

```
.background{ background-color:#897C49 }
```

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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