

Converting Colors

Hex(897B46)

Have a look what the booklet for
Hex(897B46) contains.

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Color

Hex(897B46)

Conversions

Conversions Part 1

Format	Color
Hex	897B46
RGB	137, 123, 70
RGB Percent	54%, 48%, 27%
CMY	0.4627, 0.5176, 0.7255
CMYK	0.00, 0.10, 0.49, 0.46
HSL	47°, 32%, 41%
HSV	47°, 49%, 54%
XYZ	18.5050, 19.9265, 8.6652
YIQ	121.1440, 25.3570, -13.5150

Conversions

Conversions Part 2

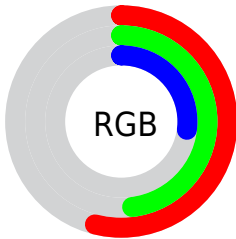
Format	Color
RYB	88, 137, 70
Decimal	9009990
CIELab	51.75, -2.25, 30.79
CIElCh	52, 30.872, 94.181
Yxy	19.9265, 0.3929, 0.4231
Android (android.graphics.Color)	4287200070 (0xFF897B46)
YUV	121.1440, -25.2140, 13.9057
Hunter-Lab	44.6391, -4.1218, 19.7381

Details

The Hex color **897B46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **465489**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C0AF77**, and **554B18** is the 20% darker color. If you saturate the color by 10%, you get **897838**, and if you desaturate by 10%, it is **897E54**.

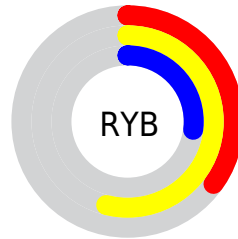
Distribution



Red (54%)

Green (48%)

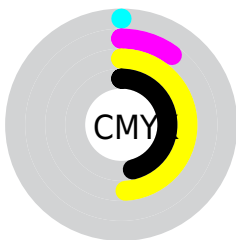
Blue (27%)



Red (35%)

Yellow (54%)

Blue (27%)

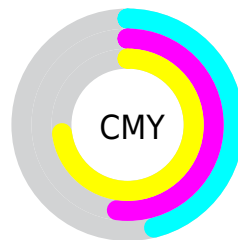


Cyan (0%)

Magenta (10%)

Yellow (49%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 897B46 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 897B46 by changing the saturation by 10% instead.



897B46



897B46

FFFFFF



6F622F



C0AF77



554B18



DCCB91



3D3400



F9E7AC



251F00



FFFFC8



040800



FFFFE4



000000



897B46



897B46



897838



897E54



89752B



898161

■ 89721D

■ 89846F

■ 89700F

■ 89867D

■ 896D02

■ 89898B

■ 896C00

■ 898C98

■ 898FA6

■ 8992B4

■ 8995C1

Harmonies

Analogous

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



9F724C



897B46



6D834F

Triad

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



897B46



008898



A06A93

Complementary

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



897B46



465489

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.



8373A7



897B46



2884AA

Square

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



897B46



25897E



5B7DB0



AE6779

Rectangle

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



897B46



58865C



5B7DB0



986D9B

Sweetspot

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



897B46



B3AD98



894655



595649



D9D9D9



595959

Same Dimension

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



897B46



B39C49



768946



45433E



856900



050400

Inverse Universe

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



465489



495FB3



594689



3E3F45



001C85



000105

Previews

White Background



This preview shows how the Hex color 897B46 looks on a white background.

Color Contrast Check

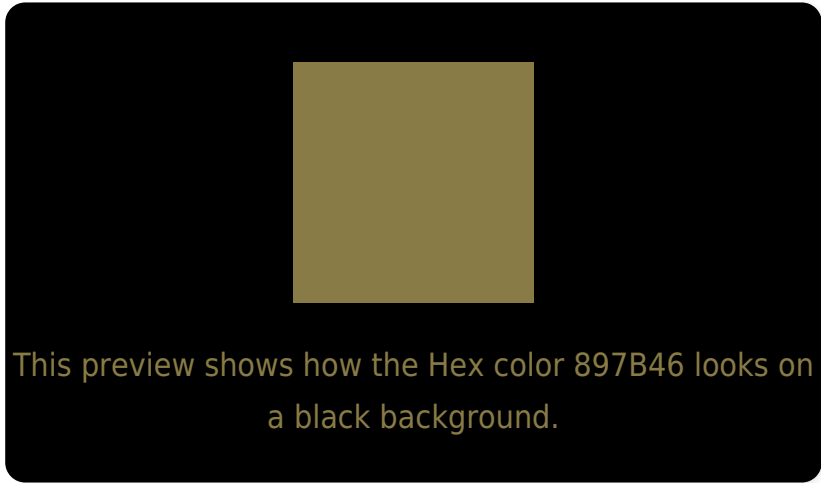
Large Text (above 18pt) WCAG AA ✓ Pass

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

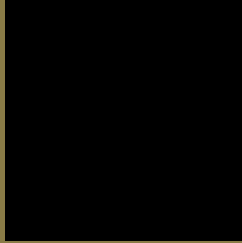
Any Text WCAG AA ✓ Pass

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 897B46 Background



This preview shows how black text looks on a background with the Hex color 897B46.



This preview shows how white text looks on a background with the Hex color 897B46.

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
897B46

Protanopia
887C46

Deuteranopia
967647



Tritanopia
8E757E

Trichromacy



Original Color
897B46

Protanomaly
887C46

Deuteranomaly
917847

Tritanomaly
8C776A

Monochromacy



Original Color
897B46

Achromatopsia
797979

Achromatomaly
7F7A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 897B46 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 #897B46 looks like.

```
.text, #text, p{  
    color:#897B46  
}
```

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 #897B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897B46  
}
```

Border

The CSS property to change the border of an element to Hex 897B46 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  
#897B46 }
```

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

```
.border{ border-color:#897B46 }
```

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

Here you see how a box with a 4 pixel #897B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897B46; -webkit-box-shadow:4px 4px  
4px 4px #897B46; box-shadow:4px 4px 4px  
4px #897B46 }
```

Background

The CSS property to change the background color of an element to Hex 897B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897B46 }
```

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

```
.background{ background-color:#897B46 }
```

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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