

Converting Colors

Hex(877E47)

Have a look what the booklet for
Hex(877E47) contains.

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Color

Hex(877E47)

Conversions

Conversions Part 1

Format	Color
Hex	877E47
RGB	135, 126, 71
RGB Percent	53%, 49%, 28%
CMY	0.4706, 0.5059, 0.7216
CMYK	0.00, 0.07, 0.47, 0.47
HSL	52°, 31%, 40%
HSV	52°, 47%, 53%
XYZ	18.5899, 20.5275, 8.9437
YIQ	122.4210, 23.0190, -15.1970

Conversions

Conversions Part 2

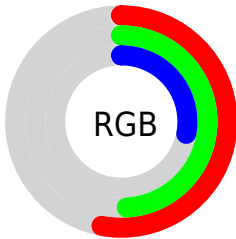
Format	Color
RYB	81, 135, 71
Decimal	8879687
CIELab	52.43, -4.72, 31.04
CIELCh	52, 31.397, 98.638
Yxy	20.5275, 0.3868, 0.4271
Android (android.graphics.Color)	4287069767 (0xFF877E47)
YUV	122.4210, -25.3506, 11.0318
Hunter-Lab	45.3073, -6.0482, 20.0113

Details

The Hex color **877E47** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **475087**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BEB379**, and **544D19** is the 20% darker color. If you saturate the color by 10%, you get **877C3A**, and if you desaturate by 10%, it is **878055**.

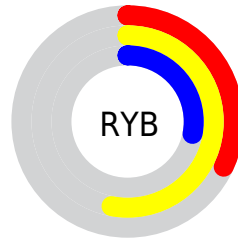
Distribution



 Red (53%)

 Green (49%)

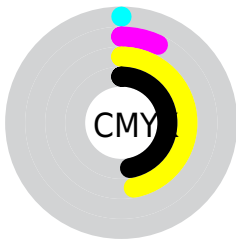
 Blue (28%)



 Red (32%)

 Yellow (53%)

 Blue (28%)

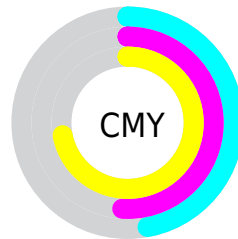


 Cyan (0%)

 Magenta (7%)

 Yellow (47%)

 Black (47%)



 Cyan (47%)

 Magenta (51%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877E47 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 877E47 by changing the saturation by 10% instead.



877E47



877E47

FFFFFF



6D6530



BEB379



544D19



DACE93



3B3700



F7EAAD



242100



FFFFC9



010C00



FFFFE5



000000



877E47



877E47



877C3A



878055



877A2C



878262

■ 87781F

■ 878470

■ 877611

■ 87867D

■ 877503

■ 87878B

■ 877400

■ 878998

■ 878BA6

■ 878DB3

■ 878FC1

Harmonies

Analogous

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



9F754B



877E47



6A8552

Triad

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



877E47



008A9E



A56B91

Complementary

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



877E47



475087

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.



8A73A7



877E47



3085AF

Square

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



877E47



1D8B84



627DB2



B16876

Rectangle

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



877E47



548960



627DB2



9E6D9A

Sweetspot

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



877E47



B0AC97



874751



59574A



D9D9D9



595959

Same Dimension

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



877E47



B0A24C



718747



42413C



827000



030200

Inverse Universe

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



475087



4C5AB0



5D4787



3C3D42



001282



000003

Previews

White Background



This preview shows how the Hex color 877E47 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

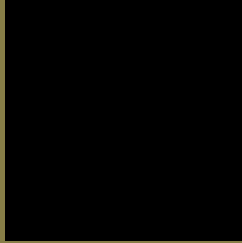
Any Text WCAG AA ✓ Pass

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 877E47 Background



This preview shows how black text looks on a background with the Hex color 877E47.



This preview shows how white text looks on a background with the Hex color 877E47.

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
877E47

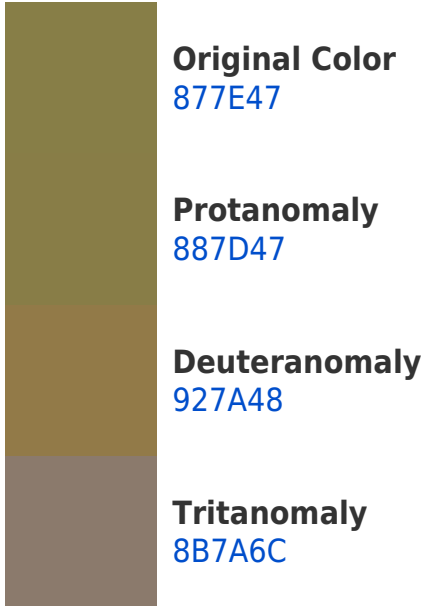
Protanopia
897D47

Deuteranopia
987749

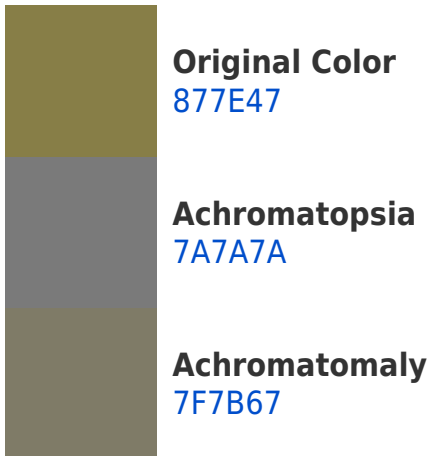


Tritanopia
8D7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 877E47 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 #877E47 looks like.

```
.text, #text, p{  
    color:#877E47  
}
```

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 #877E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877E47
}
```

Border

The CSS property to change the border of an element to Hex 877E47 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
#877E47 }
```

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

```
.border{ border-color:#877E47 }
```

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

Here you see how a box with a 4 pixel #877E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877E47; -webkit-box-shadow:4px 4px  
4px 4px #877E47; box-shadow:4px 4px 4px  
4px #877E47 }
```

Background

The CSS property to change the background color of an element to Hex 877E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877E47 }
```

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

```
.background{ background-color:#877E47 }
```

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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