

# Converting Colors

Hex(817E51)

Have a look what the booklet for  
Hex(817E51) contains.

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**Color**

**Hex(817E51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	817E51
RGB	129, 126, 81
RGB Percent	51%, 49%, 32%
CMY	0.4941, 0.5059, 0.6824
CMYK	0.00, 0.02, 0.37, 0.49
HSL	56°, 23%, 41%
HSV	56°, 37%, 51%
XYZ	17.9993, 20.1829, 10.7316
YIQ	121.7670, 16.2330, -13.3590

# Conversions

## Conversions Part 2

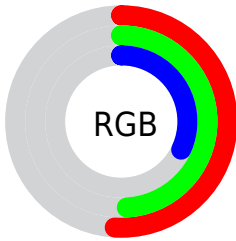
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 129, 81
Decimal	8486481
CIELab	52.04, -6.16, 24.93
CIElCh	52, 25.682, 103.883
Yxy	20.1829, 0.3680, 0.4126
Android (android.graphics.Color)	4286676561 (0xFF817E51)
YUV	121.7670, -20.0981, 6.3433
Hunter-Lab	44.9254, -7.1036, 17.2848

# Details

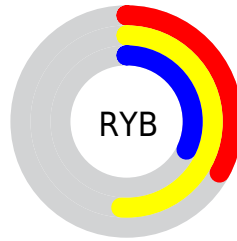
The Hex color **817E51** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **515481**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B7B383**, and **4F4D23** is the 20% darker color. If you saturate the color by 10%, you get **817D44**, and if you desaturate by 10%, it is **817F5E**.

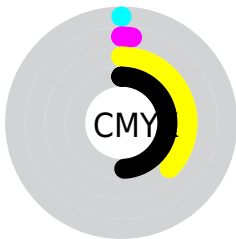
# Distribution



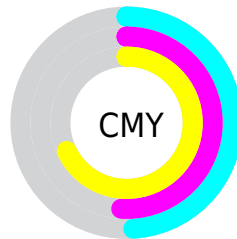
- Red (51%)
- Green (49%)
- Blue (32%)



- Red (33%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (49%)




- Cyan (49%)
- Magenta (51%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817E51 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 817E51 by changing the saturation by 10% instead.



 817E51

 817E51

FFFFFF

 67653A

 B7B383

 4F4D23

 D3CE9D

 37370D

 EFEAB8


 212100


 FFFFD4


 000C00

 FFFFF0


 000000

 817E51

 817E51

 817D44

 817F5E

 817C37

 81806B

■ 817C2A

■ 818078

■ 817B1D

■ 818185

■ 817A10

■ 818292

■ 817904

■ 81839E

■ 817900

■ 8184AB

■ 8184B8

■ 8185C5

# Harmonies

## Analogous

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



967752



817E51



68845C

# Triad

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



817E51



33869A



A06D89

# Complementary

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



817E51



515481

# 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.



8C739C



817E51



4C82A6

# Square

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



817E51



378886



6E7BA7



A86C73

# Rectangle

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



817E51



578668



6E7BA7



9B6E90



# Sweetspot

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



817E51



A8A796



815154



545349



D4D4D4



545454



# Same Dimension

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



817E51



A8A45D



6C8151



403F39



807800



000000



# Inverse Universe

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



515481



5D61A8



665181



393A40



000880



000000



# Previews

## White Background



This preview shows how the Hex color 817E51 looks on a white background.

## Color Contrast Check

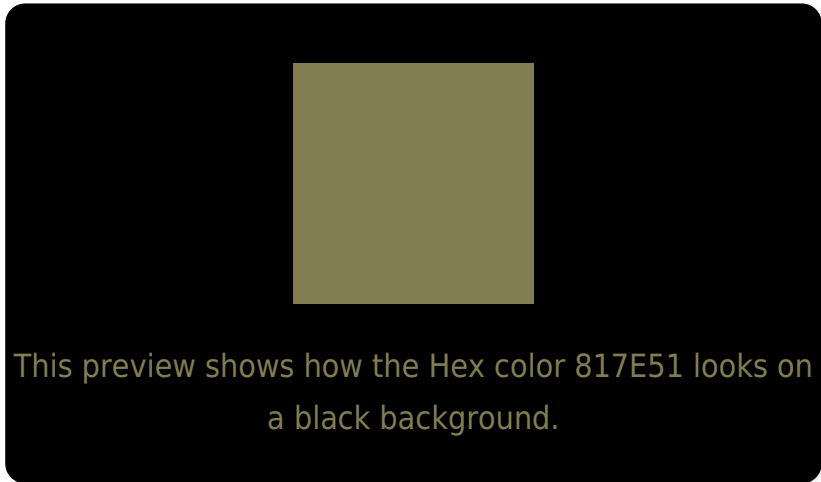
Large Text (above 18pt) WCAG AA ✓ Pass

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

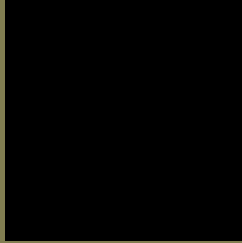
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 817E51 Background



This preview shows how black text looks on a background with the Hex color 817E51.



This preview shows how white text looks on a background with the Hex color 817E51.

# 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**  
817E51

**Protanopia**  
877C50

**Deuteranopia**  
957753



**Tritanopia**  
877881

# Trichromacy



**Original Color**  
817E51

**Protanomaly**  
857D50

**Deuteranomaly**  
8E7A52

**Tritanomaly**  
857A70

# Monochromacy



**Original Color**  
817E51

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7D7B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817E51 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 #817E51 looks like.

```
.text, #text, p{  
    color:#817E51  
}
```

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 #817E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817E51
}
```

## Border

The CSS property to change the border of an element to Hex 817E51 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
#817E51 }
```

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

```
.border{ border-color:#817E51 }
```

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

Here you see how a box with a 4 pixel #817E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817E51; -webkit-box-shadow:4px 4px  
4px 4px #817E51; box-shadow:4px 4px 4px  
4px #817E51 }
```

# Background

The CSS property to change the background color of an element to Hex 817E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817E51 }
```

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

```
.background{ background-color:#817E51 }
```

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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