

# Converting Colors

Hex(817F6E)

Have a look what the booklet for  
Hex(817F6E) contains.

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# Color

**Hex(817F6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817F6E
RGB	129, 127, 110
RGB Percent	51%, 50%, 43%
CMY	0.4941, 0.5020, 0.5686
CMYK	0.00, 0.02, 0.15, 0.49
HSL	54°, 8%, 47%
HSV	54°, 15%, 51%
XYZ	19.4571, 20.9717, 17.7743
YIQ	125.6600, 6.6490, -4.8630

# Conversions

## Conversions Part 2

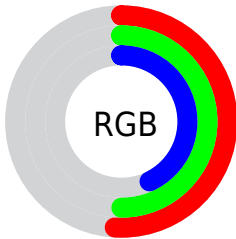
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 129, 110
Decimal	8486766
CIE Lab	52.92, -2.38, 9.52
CIE LCh	53, 9.813, 104.053
Yxy	20.9717, 0.3343, 0.3603
Android (android.graphics.Color)	4286676846 (0xFF817F6E)
YUV	125.6600, -7.7204, 2.9292
Hunter-Lab	45.7948, -4.3006, 9.0442

# Details

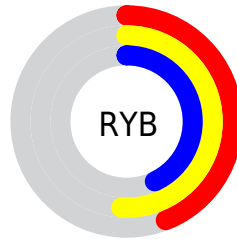
The Hex color **817F6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7081**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B6B4A2**, and **504E3E** is the 20% darker color. If you saturate the color by 10%, you get **817E61**, and if you desaturate by 10%, it is **81807B**.

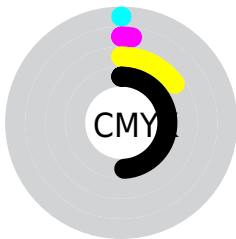
# Distribution



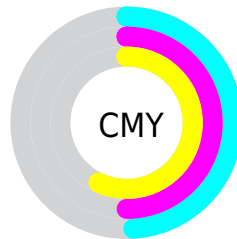
- Red (51%)
- Green (50%)
- Blue (43%)



- Red (44%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817F6E 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 817F6E by changing the saturation by 10% instead.





817F6E



817F6E

FFFFFF



686656



B6B4A2



504E3E



D2CFBD



393728



EEEEBD8



232214



FFFFFF5



0A0C00



000000



817F6E



817F6E



817E61



81807B



817C54



818288

■ 817B47

■ 818395

■ 817A3A

■ 8184A2

■ 81782E

■ 8186AF

■ 817721

■ 8187BB

■ 817514

■ 8189C8

■ 817407

■ 818AD5

■ 817300

■ 818BE2

# Harmonies

## Analogous

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



8A7C6E



817F6E



778172

# Triad

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



817F6E



6A828A



8D7983

# Complementary

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



817F6E



6E7081

# 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.



857B8A



817F6E



70808E

# Square

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



817F6E



698382



7A7E8F



90797B

# Rectangle

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



817F6E



718377



7A7E8F



8B7A86



# Sweetspot

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



817F6E



A8A8A2



816E70



545450



D4D4D4



545454



# Same Dimension

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



817F6E



A8A58A



7A816E



403F39



807200



000000



# Inverse Universe

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



6E7081



8A8DA8



756E81



393A40



000D80



000000



# Previews

## White Background



This preview shows how the Hex color 817F6E looks on a white background.

## Color Contrast Check

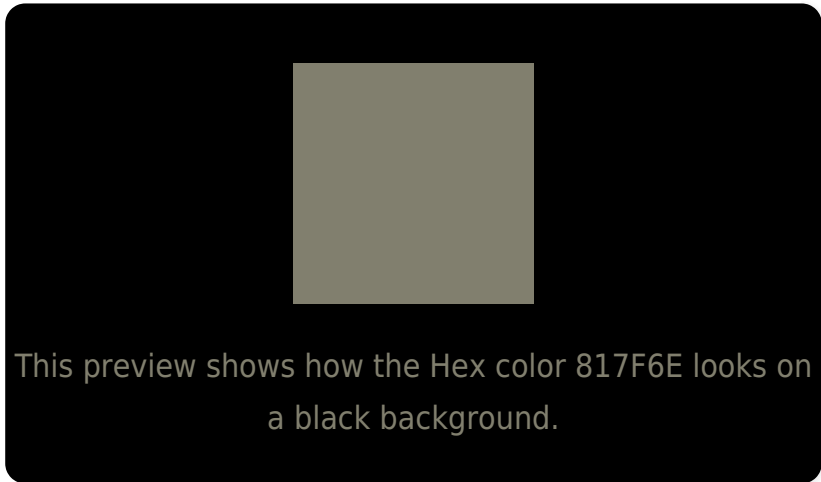
Large Text (above 18pt) WCAG AA ✓ Pass

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

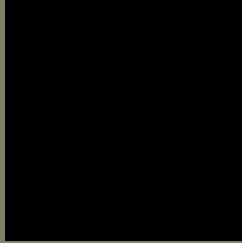
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

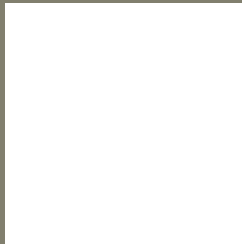
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817F6E Background



This preview shows how black text looks on a background with the Hex color 817F6E.



This preview shows how white text looks on a background with the Hex color 817F6E.

# 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**  
817F6E

**Protanopia**  
847E6D

**Deuteranopia**  
907A6F



**Tritanopia**  
847C85

# Trichromacy



**Original Color**  
817F6E

**Protanomaly**  
837E6D

**Deuteranomaly**  
8B7C6F

**Tritanomaly**  
837D7D

# Monochromacy



**Original Color**  
817F6E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F7E78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817F6E 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 #817F6E looks like.

```
.text, #text, p{  
    color:#817F6E  
}
```

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 #817F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817F6E
}
```

## Border

The CSS property to change the border of an element to Hex 817F6E 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
#817F6E }
```

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

```
.border{ border-color:#817F6E }
```

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

Here you see how a box with a 4 pixel #817F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817F6E; -webkit-box-shadow:4px 4px  
4px 4px #817F6E; box-shadow:4px 4px 4px  
4px #817F6E }
```

# Background

The CSS property to change the background color of an element to Hex 817F6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817F6E }
```

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

```
.background{ background-color:#817F6E }
```

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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