

# Converting Colors

Hex(817F7E)

Have a look what the booklet for  
Hex(817F7E) contains.

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# Color

**Hex(817F7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817F7E
RGB	129, 127, 126
RGB Percent	51%, 50%, 49%
CMY	0.4941, 0.5020, 0.5059
CMYK	0.00, 0.02, 0.02, 0.49
HSL	20°, 1%, 50%
HSV	20°, 2%, 51%
XYZ	20.4085, 21.3522, 22.7844
YIQ	127.4840, 1.5130, 0.1130

# Conversions

## Conversions Part 2

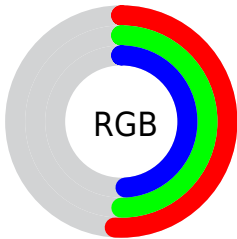
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 128, 126
Decimal	8486782
CIE Lab	53.33, 0.56, 0.80
CIE LCh	53, 0.977, 55.160
Yxy	21.3522, 0.3162, 0.3308
Android (android.graphics.Color)	4286676862 (0xFF817F7E)
YUV	127.4840, -0.7316, 1.3295
Hunter-Lab	46.2085, -2.0282, 3.1113

# Details

The Hex color **817F7E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E8081**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6B4B3**, and **504E4D** is the 20% darker color. If you saturate the color by 10%, you get **817671**, and if you desaturate by 10%, it is **81888B**.

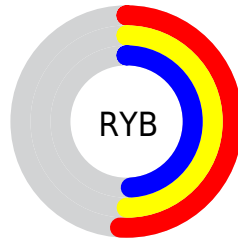
# Distribution



Red (51%)

Green (50%)

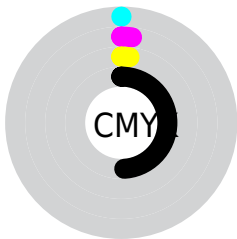
Blue (49%)



Red (51%)

Yellow (50%)

Blue (49%)

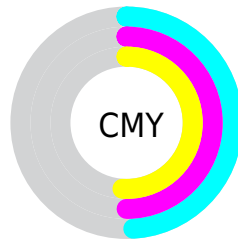


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (49%)



Cyan (49%)

Magenta (50%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817F7E 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 817F7E by changing the saturation by 10% instead.



■ 817F7E

■ 817F7E

FFFFFF

■ 686665

■ B6B4B3

■ 504E4D

■ D1CFCE

■ 393736

■ EEEBEA

■ 242221

■ 0E0C0A

■ 000000

■ 817F7E

■ 817F7E

■ 817671

■ 81888B

■ 816E64

■ 819098

816557

8199A5

815D4A

81A1B2

81543E

81AABF

814B31

81B3CB

814324

81BBD8

813A17

81C4E5

81320A

81CCF2

# Harmonies

## Analogous

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



817F7F



817F7E



807F7E

# Triad

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



817F7E



7E807F



7F7F81

# Complementary

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



817F7E



7E8081

# 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.



7E7F81



817F7E



7D8080

# Square

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



817F7E



7E807E



7E8081



807F80

# Rectangle

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



817F7E



807F7E



7E8081



7F7F81



# Sweetspot

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



817F7E



A8A7A7



817E80



545453



D4D4D4



545454



# Same Dimension

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



817F7E



A8A5A3



81817E



403E3D



802A00



000000



# Inverse Universe

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



7E8081



A3A7A8



7E7F81



3D3F40



005580



000000



# Previews

## White Background



This preview shows how the Hex color 817F7E looks on a white background.

## Color Contrast Check

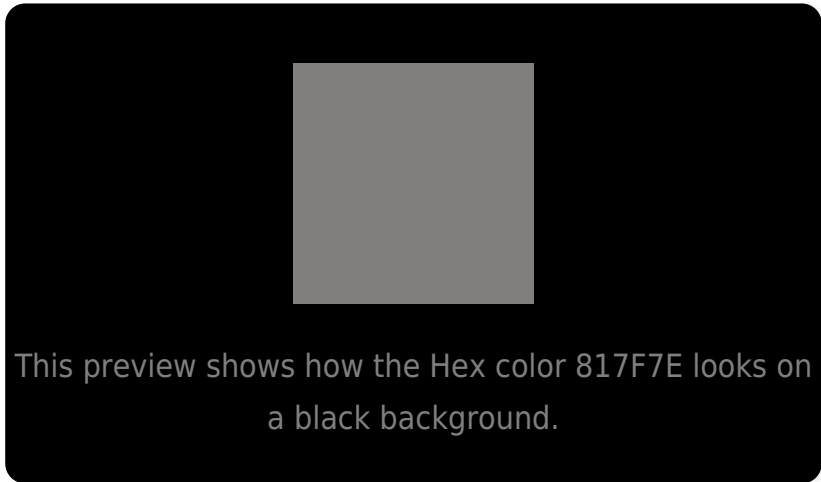
Large Text (above 18pt) WCAG AA ✓ Pass

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

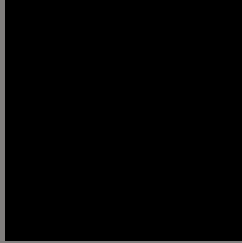
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

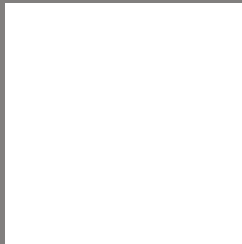
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817F7E Background



This preview shows how black text looks on a background with the Hex color 817F7E.



This preview shows how white text looks on a background with the Hex color 817F7E.

# 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**  
817F7E

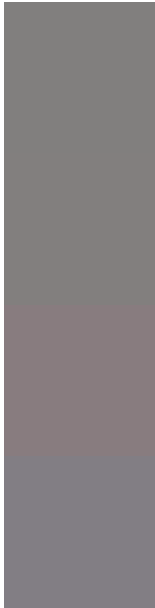
**Protanopia**  
827F7E

**Deuteranopia**  
8C7B7F



**Tritanopia**  
827E87

# Trichromacy



**Original Color**  
81F7E

**Protanomaly**  
827F7E

**Deuteranomaly**  
887C7F

**Tritanomaly**  
827E84

# Monochromacy



**Original Color**  
81F7E

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
807F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817F7E 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 #817F7E looks like.

```
.text, #text, p{  
    color:#817F7E  
}
```

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 #817F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817F7E
}
```

## Border

The CSS property to change the border of an element to Hex 817F7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

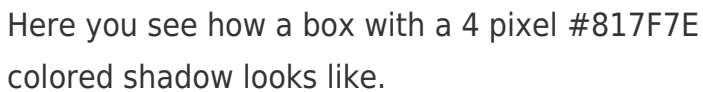
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817F7E }
```

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

```
.border{ border-color:#817F7E }
```

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



Here you see how a box with a 4 pixel #817F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817F7E; -webkit-box-shadow:4px 4px  
4px 4px #817F7E; box-shadow:4px 4px 4px  
4px #817F7E }
```

# Background

The CSS property to change the background color of an element to Hex 817F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817F7E }
```

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

```
.background{ background-color:#817F7E }
```

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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