

# Converting Colors

Hex(817E7E)

Have a look what the booklet for  
Hex(817E7E) contains.

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# Color

Hex(817E7E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817E7E
RGB	129, 126, 126
RGB Percent	51%, 49%, 49%
CMY	0.4941, 0.5059, 0.5059
CMYK	0.00, 0.02, 0.02, 0.49
HSL	0°, 1%, 50%
HSV	0°, 2%, 51%
XYZ	20.2800, 21.0952, 22.7416
YIQ	126.8970, 1.7880, 0.6360

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 126, 126
Decimal	8486526
CIELab	53.05, 1.13, 0.39
CIELCh	53, 1.199, 19.207
Yxy	21.0952, 0.3163, 0.3290
Android (android.graphics.Color)	4286676606 (0xFF817E7E)
YUV	126.8970, -0.4422, 1.8443
Hunter-Lab	45.9295, -1.5606, 2.7938

# Details

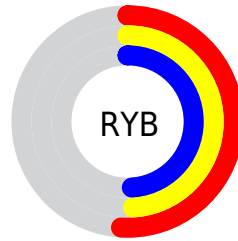
The Hex color **817E7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E8181**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6B3B3**, and **504D4D** is the 20% darker color. If you saturate the color by 10%, you get **817171**, and if you desaturate by 10%, it is **818B8B**.

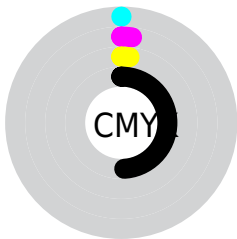
# Distribution



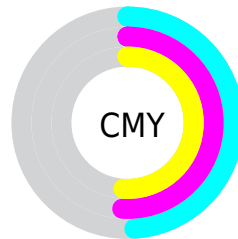
- Red (51%)
- Green (49%)
- Blue (49%)



- Red (51%)
- Yellow (49%)
- Blue (49%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 817E7E 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 817E7E by changing the saturation by 10% instead.





817E7E



817E7E

FFFFFF



686565



B6B3B3



504D4D



D1CECE



393636



EEEEEA



242121



0E0A0A



000000



817E7E



817E7E



817171



818B8B



816464



819898

815757

81A5A5

814A4A

81B2B2

813E3E

81BFBF

813131

81CBCB

812424

81D8D8

811717

81E5E5

810A0A

81F2F2

# Harmonies

## Analogous

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



817E7F



817E7E



817E7D

# Triad

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



817E7E



7E7F7D



7D7F81

# Complementary

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



817E7E



7E8181

# 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.



7C7F80



817E7E



7D7F7E

# Square

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



817E7E



7F7F7D



7C7F7F



7E7F81

# Rectangle

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



817E7E



807E7D



7C7F7F



7D7F81



# Sweetspot

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



817E7E



A8A7A7



817E81



545353



D4D4D4



545454



# Same Dimension

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



817E7E



A8A3A3



81807E



403D3D



800000



000000



# Inverse Universe

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



7E8181



A3A8A8



7E8081



3D4040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 817E7E looks on a white background.

## Color Contrast Check

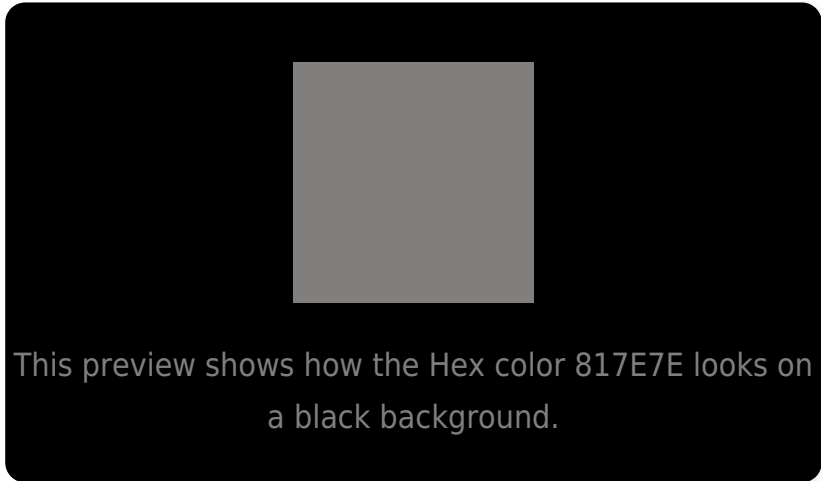
Large Text (above 18pt) WCAG AA ✓ Pass

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

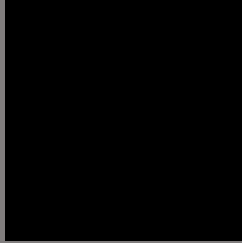
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

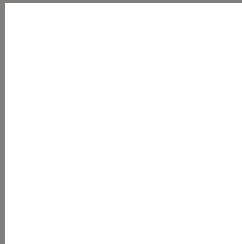
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817E7E Background



This preview shows how black text looks on a background with the Hex color 817E7E.



This preview shows how white text looks on a background with the Hex color 817E7E.

# 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**  
817E7E

**Protanopia**  
817E7E

**Deuteranopia**  
8B7B7F



**Tritanopia**  
827D87

# Trichromacy



**Original Color**  
817E7E

**Protanomaly**  
817E7E

**Deuteranomaly**  
877C7F

**Tritanomaly**  
827D84

# Monochromacy



**Original Color**  
817E7E

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
807F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817E7E 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 #817E7E looks like.

```
.text, #text, p{  
    color:#817E7E  
}
```

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 #817E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817E7E
}
```

## Border

The CSS property to change the border of an element to Hex 817E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

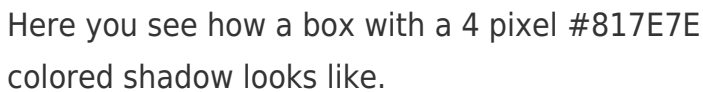
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817E7E }
```

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

```
.border{ border-color:#817E7E }
```

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



Here you see how a box with a 4 pixel #817E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817E7E; -webkit-box-shadow:4px 4px  
4px 4px #817E7E; box-shadow:4px 4px 4px  
4px #817E7E }
```

# Background

The CSS property to change the background color of an element to Hex 817E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817E7E }
```

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

```
.background{ background-color:#817E7E }
```

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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