

# Converting Colors

Hex(847F7C)

Have a look what the booklet for  
Hex(847F7C) contains.

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# Color

Hex(847F7C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 847F7C                    |
| RGB           | 132, 127, 124             |
| RGB Percent   | 52%, 50%, 49%             |
| CMY           | 0.4824, 0.5020, 0.5137    |
| CMYK          | 0.00, 0.04, 0.06, 0.48    |
| HSL           | 22°, 3%, 50%              |
| HSV           | 22°, 6%, 52%              |
| XYZ           | 20.7432, 21.5395, 22.1330 |
| YIQ           | 128.1530, 3.9430, 0.1270  |

# Conversions

## Conversions Part 2

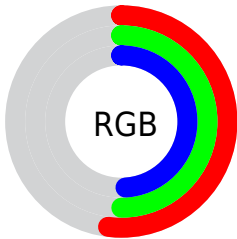
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 129, 124                |
| Decimal                             | 8683388                      |
| CIE Lab                             | 53.53, 1.31, 2.29            |
| CIE LCh                             | 54, 2.643, 60.173            |
| Yxy                                 | 21.5395, 0.3220,<br>0.3344   |
| Android<br>(android.graphics.Color) | 4286873468<br>(0xFF847F7C)   |
| YUV                                 | 128.1530, -2.0474,<br>3.3738 |
| Hunter-Lab                          | 46.4107, -1.4384,<br>4.2123  |

# Details

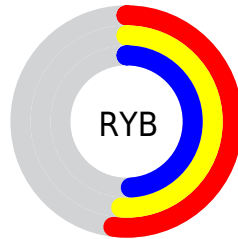
The Hex color **847F7C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C8184**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9B4B0**, and **534E4B** is the 20% darker color. If you saturate the color by 10%, you get **84776F**, and if you desaturate by 10%, it is **848789**.

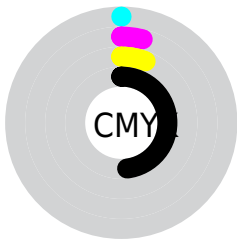
# Distribution



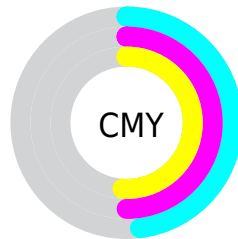
- Red (52%)
- Green (50%)
- Blue (49%)



- Red (52%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847F7C 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 847F7C by changing the saturation by 10% instead.





847F7C



847F7C

FFFFFF



6B6663



B9B4B0



534E4B



D5CFCC



3C3735



F1EBE8



262220



110C07



000000



847F7C



847F7C



84776F



848789



846F62



849096

 846654

 8498A4

 845E47

 84A0B1

 84563A

 84A8BE

 844D2D

 84B1CB

 844520

 84B9D8

 843D12

 84C1E6

 843505

 84C9F3

# Harmonies

## Analogous

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



857F7E



847F7C



82807B

# Triad

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



847F7C



7B8180



807F84

# Complementary

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



847F7C



7C8184

# 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.



7E8084



847F7C



7B8182

# Square

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



847F7C



7D817E



7C8184



837F82

# Rectangle

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



847F7C



80807C



7C8184



808084



# Sweetspot

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



847F7C



ABA9A7



847C81



575655



D6D6D6



575757



# Same Dimension

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



847F7C



ABA39F



84837C



423F3D



823100



030100



# Inverse Universe

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



7C8184



9FA6AB



7C7D84



3D4042



005182



000203



# Previews

## White Background



This preview shows how the Hex color 847F7C looks on a white background.

## Color Contrast Check

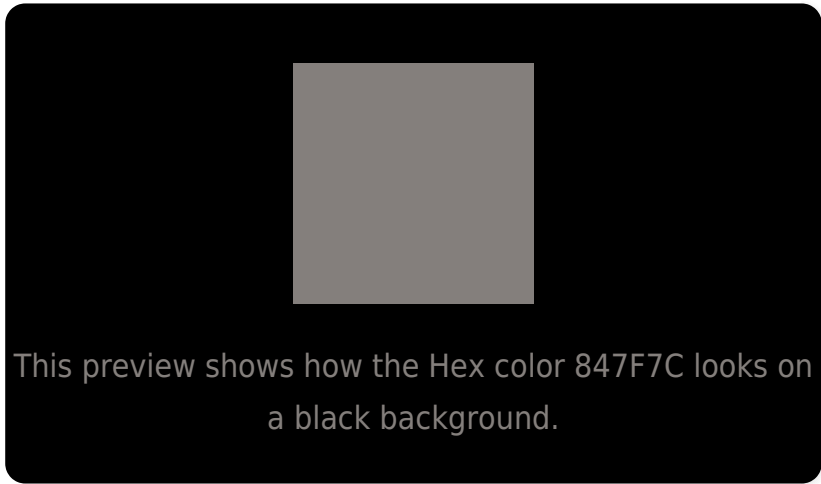
Large Text (above 18pt) WCAG AA ✓ Pass

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

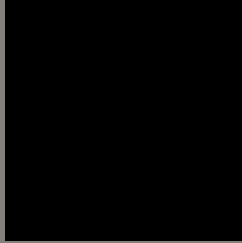
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

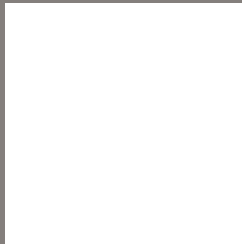
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 847F7C Background



This preview shows how black text looks on a background with the Hex color 847F7C.



This preview shows how white text looks on a background with the Hex color 847F7C.

# 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**  
847F7C

**Protanopia**  
837F7C

**Deuteranopia**  
8D7C7D



**Tritanopia**  
867D87

# Trichromacy



**Original Color**  
847F7C

**Protanomaly**  
837F7C

**Deuteranomaly**  
8A7D7D

**Tritanomaly**  
857E83

# Monochromacy



**Original Color**  
847F7C

**Achromatopsia**  
808080

**Achromatomaly**  
81807F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847F7C 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 #847F7C looks like.

```
.text, #text, p{  
    color:#847F7C  
}
```

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 #847F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847F7C
}
```

## Border

The CSS property to change the border of an element to Hex 847F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

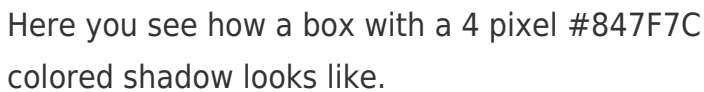
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847F7C }
```

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

```
.border{ border-color:#847F7C }
```

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



Here you see how a box with a 4 pixel #847F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847F7C; -webkit-box-shadow:4px 4px  
4px 4px #847F7C; box-shadow:4px 4px 4px  
4px #847F7C }
```

# Background

The CSS property to change the background color of an element to Hex 847F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847F7C }
```

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

```
.background{ background-color:#847F7C }
```

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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