

# Converting Colors

Hex(847E7B)

Have a look what the booklet for  
Hex(847E7B) contains.

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# Color

Hex(847E7B)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 847E7B                    |
| RGB           | 132, 126, 123             |
| RGB Percent   | 52%, 49%, 48%             |
| CMY           | 0.4824, 0.5059, 0.5176    |
| CMYK          | 0.00, 0.05, 0.07, 0.48    |
| HSL           | 20°, 4%, 50%              |
| HSV           | 20°, 7%, 52%              |
| XYZ           | 20.5517, 21.2573, 21.7588 |
| YIQ           | 127.4520, 4.5390, 0.3390  |

# Conversions

## Conversions Part 2

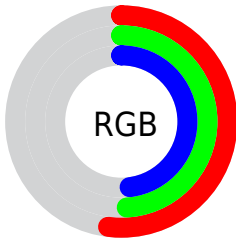
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 128, 123                |
| Decimal                             | 8683131                      |
| CIE Lab                             | 53.23, 1.70, 2.43            |
| CIE LCh                             | 53, 2.968, 55.058            |
| Yxy                                 | 21.2573, 0.3233,<br>0.3344   |
| Android<br>(android.graphics.Color) | 4286873211<br>(0xFF847E7B)   |
| YUV                                 | 127.4520, -2.1948,<br>3.9886 |
| Hunter-Lab                          | 46.1056, -1.1180,<br>4.2930  |

# Details

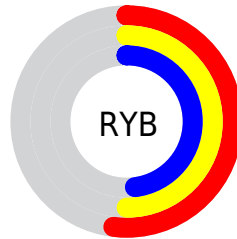
The Hex color **847E7B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B8184**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B9B3AF**, and **534D4A** is the 20% darker color. If you saturate the color by 10%, you get **84756E**, and if you desaturate by 10%, it is **848788**.

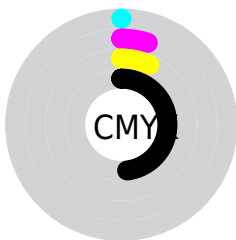
# Distribution



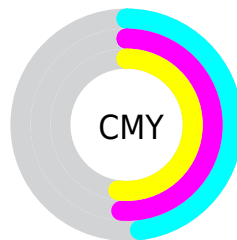
- Red (52%)
- Green (49%)
- Blue (48%)



- Red (52%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847E7B 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 847E7B by changing the saturation by 10% instead.



■ 847E7B

■ 847E7B

FFFFFF

■ 6B6562

■ B9B3AF

■ 534D4A

■ D5CECB

■ 3C3634

■ F1EAE7

■ 26211F

■ 110A06

■ 000000

■ 847E7B

■ 847E7B

■ 84756E

■ 848788

■ 846C61

■ 849095

 846453

 8498A3

 845B46

 84A1B0

 845239

 84AABD

 84492C

 84B3CA

 84401F

 84BCD7

 843811

 84C4E5

 842F04

 84CDF2

# Harmonies

## Analogous

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



857E7D



847E7B



827F7A

# Triad

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



847E7B



7A817F



7F7F84

# Complementary

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



847E7B



7B8184

# 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.



7C7F84



847E7B



798181

# Square

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



847E7B



7C807C



7A8083



827E82

# Rectangle

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



847E7B



807F7A



7A8083



7E7F84



# Sweetspot

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



847E7B



ABA9A7



847B81



575655



D6D6D6



575757



# Same Dimension

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



847E7B



ABA29D



84837B



423E3C



822B00



030100



# Inverse Universe

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



7B8184



9DA6AB



7B7D84



3C4042



005782



000203



# Previews

## White Background



This preview shows how the Hex color 847E7B looks on a white background.

## Color Contrast Check

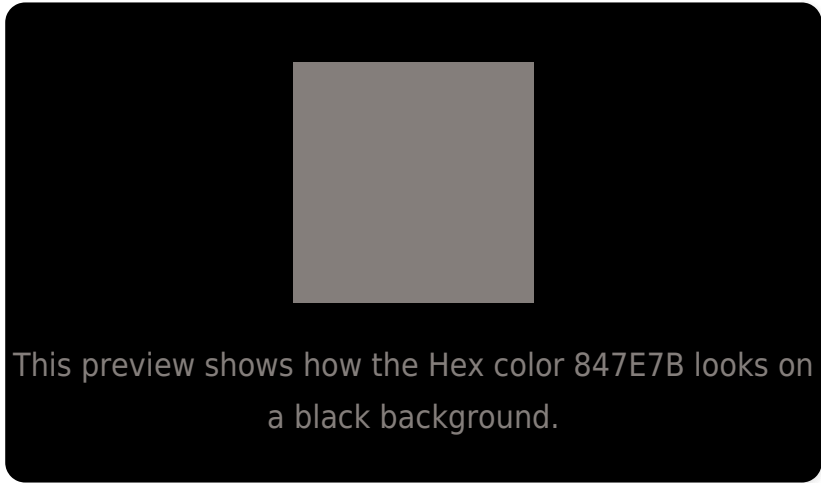
Large Text (above 18pt) WCAG AA ✓ Pass

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

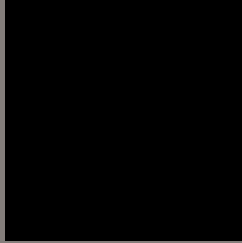
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847E7B Background



This preview shows how black text looks on a background with the Hex color 847E7B.



This preview shows how white text looks on a background with the Hex color 847E7B.

# 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**

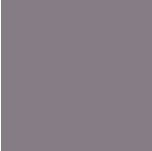
847E7B

**Protanopia**

827F7B

**Deuteranopia**

8D7B7C



**Tritanopia**  
867C86

# Trichromacy



**Original Color**

847E7B

**Protanomaly**

837F7B

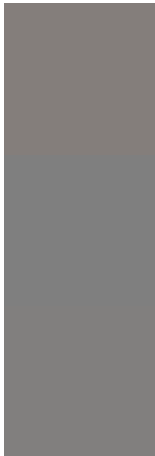
**Deuteranomaly**

8A7C7C

**Tritanomaly**

857D82

# Monochromacy



**Original Color**

847E7B

**Achromatopsia**

7F7F7F

**Achromatomaly**

817F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847E7B 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 #847E7B looks like.

```
.text, #text, p{  
    color:#847E7B  
}
```

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 #847E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847E7B
}
```

## Border

The CSS property to change the border of an element to Hex 847E7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

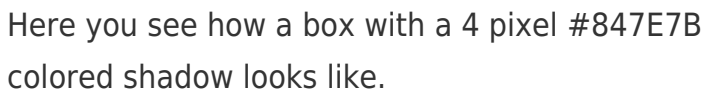
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847E7B }
```

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

```
.border{ border-color:#847E7B }
```

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



Here you see how a box with a 4 pixel #847E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847E7B; -webkit-box-shadow:4px 4px  
4px 4px #847E7B; box-shadow:4px 4px 4px  
4px #847E7B }
```

# Background

The CSS property to change the background color of an element to Hex 847E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847E7B }
```

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

```
.background{ background-color:#847E7B }
```

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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