

# Converting Colors

Hex(7F847B)

Have a look what the booklet for  
Hex(7F847B) contains.

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# Color

Hex(7F847B)

# Conversions

## Conversions Part 1

Format	Color
Hex	7F847B
RGB	127, 132, 123
RGB Percent	50%, 52%, 48%
CMY	0.5020, 0.4824, 0.5176
CMYK	0.04, 0.00, 0.07, 0.48
HSL	93°, 4%, 50%
HSV	93°, 7%, 52%
XYZ	20.5788, 22.4446, 21.9865
YIQ	129.4790, -0.0910, -3.8590

# Conversions

## Conversions Part 2

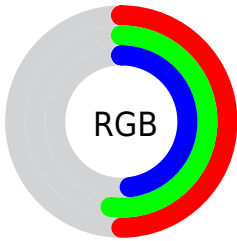
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 132, 128
Decimal	8356987
CIE Lab	54.50, -3.62, 4.21
CIE LCh	54, 5.554, 130.726
Yxy	22.4446, 0.3165, 0.3452
Android (android.graphics.Color)	4286547067 (0xFF7F847B)
YUV	129.4790, -3.1941, -2.1741
Hunter-Lab	47.3757, -5.3717, 5.6472

# Details

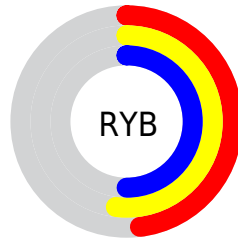
The Hex color **7F847B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **807B84**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B4B9AF**, and **4E534A** is the 20% darker color. If you saturate the color by 10%, you get **78846E**, and if you desaturate by 10%, it is **868488**.

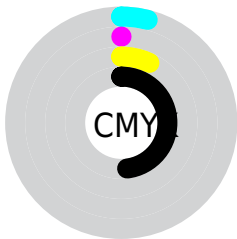
# Distribution



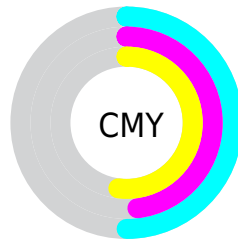
- Red (50%)
- Green (52%)
- Blue (48%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (50%)
- Magenta (48%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F847B 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 7F847B by changing the saturation by 10% instead.



 7F847B

 7F847B

FFFFFF

 666B62

 B4B9AF

 4E534A

 CFD5CB

 373C34

 EBF1E7

 22261F

 0C1106

 000000

 7F847B

 7F847B

 78846E

 868488

 708461

 8E8495

698453

9584A3

628446

9C84B0

5A8439

A484BD

53842C

AB84CA

4C841F

B284D7

448411

BA84E5

3D8404

C184F2

# Harmonies

## Analogous

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



858379



7F847B



7A857F

# Triad

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



7F847B



7A848B



8D7F81

# Complementary

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



7F847B



807B84

# 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.



8A8086



7F847B



80828C

# Square

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



7F847B



778588



85818A



8C807C

# Rectangle

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



7F847B



788582



85818A



8C7F82



# Sweetspot

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



7F847B



A9ABA7



84807B



565755



D6D6D6



575757



# Same Dimension

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



7F847B



A3AB9D



7B847B



3F423C



3A8200



010300



# Inverse Universe

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



807B84



A59DAB



847B84



3F3C42



480082

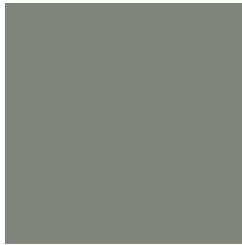


010003



# Previews

## White Background



This preview shows how the Hex color 7F847B looks on a white background.

## Color Contrast Check

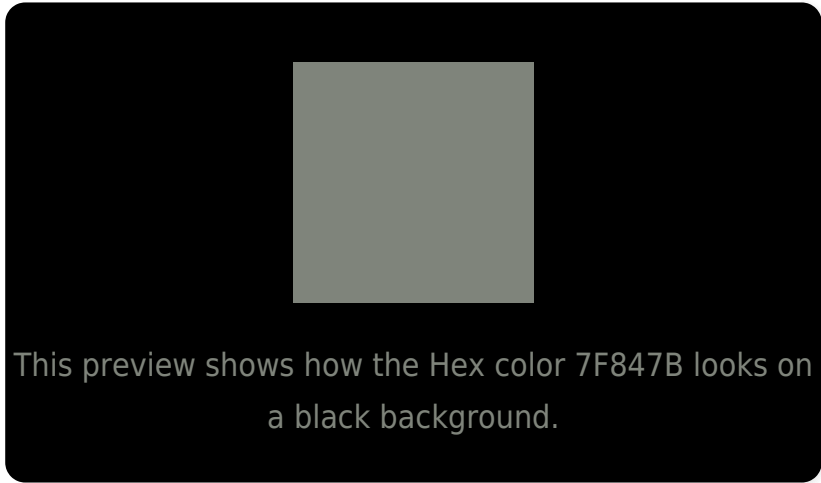
Large Text (above 18pt) WCAG AA ✓ Pass

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

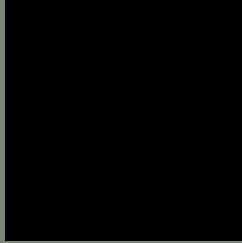
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

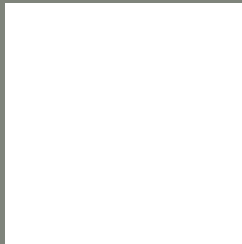
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F847B Background



This preview shows how black text looks on a background with the Hex color 7F847B.



This preview shows how white text looks on a background with the Hex color 7F847B.

# 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**  
7F847B

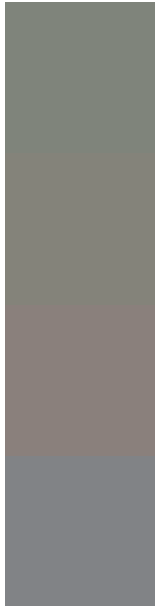
**Protanopia**  
87827A

**Deuteranopia**  
917E7C



**Tritanopia**  
82828C

# Trichromacy



**Original Color**

7F847B

**Protanomaly**

84837A

**Deuteranomaly**

8A807C

**Tritanomaly**

818386

# Monochromacy



**Original Color**

7F847B

**Achromatopsia**

818181

**Achromatomaly**

80827F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F847B 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 #7F847B looks like.

```
.text, #text, p{  
    color:#7F847B  
}
```

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 #7F847B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F847B
}
```

## Border

The CSS property to change the border of an element to Hex 7F847B 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
#7F847B }
```

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

```
.border{ border-color:#7F847B }
```

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

Here you see how a box with a 4 pixel #7F847B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F847B; -webkit-box-shadow:4px 4px  
4px 4px #7F847B; box-shadow:4px 4px 4px  
4px #7F847B }
```

# Background

The CSS property to change the background color of an element to Hex 7F847B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F847B }
```

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

```
.background{ background-color:#7F847B }
```

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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