

# Converting Colors

Hex(7F847A)

Have a look what the booklet for  
Hex(7F847A) contains.

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# Color

**Hex(7F847A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F847A
RGB	127, 132, 122
RGB Percent	50%, 52%, 48%
CMY	0.5020, 0.4824, 0.5216
CMYK	0.04, 0.00, 0.08, 0.48
HSL	90°, 4%, 50%
HSV	90°, 8%, 52%
XYZ	20.5165, 22.4197, 21.6585
YIQ	129.3650, 0.2300, -4.1700

# Conversions

## Conversions Part 2

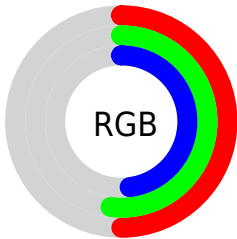
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 132, 127
Decimal	8356986
CIE Lab	54.47, -3.81, 4.75
CIE LCh	54, 6.092, 128.763
Yxy	22.4197, 0.3176, 0.3471
Android (android.graphics.Color)	4286547066 (0xFF7F847A)
YUV	129.3650, -3.6309, -2.0741
Hunter-Lab	47.3494, -5.5175, 6.0243

# Details

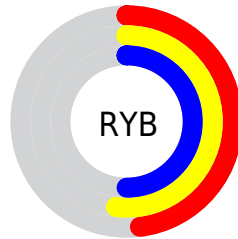
The Hex color **7F847A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F7A84**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4B9AE**, and **4E5349** is the 20% darker color. If you saturate the color by 10%, you get **78846D**, and if you desaturate by 10%, it is **868487**.

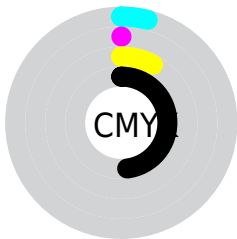
# Distribution



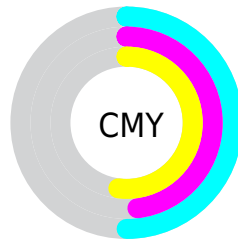
- Red (50%)
- Green (52%)
- Blue (48%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F847A 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 7F847A by changing the saturation by 10% instead.





7F847A



7F847A

FFFFFF



666B61



B4B9AE



4E5349



CFD5CA



373C33



EBF1E6



22261E



0C1105



000000



7F847A



7F847A



78846D



868487



728460



8C8494

6B8452

9384A2

658445

9984AF

5E8438

A084BC

57842B

A784C9

51841E

AD84D6

4A8410

B484E4

448403

BA84F1

# Harmonies

## Analogous

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



858278



7F847A



79857E

# Triad

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



7F847A



79848C



8E7F81

# Complementary

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



7F847A



7F7A84

# 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.



8B7F86



7F847A



7F828D

# Square

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



7F847A



768589



85808A



8D7F7C

# Rectangle

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



7F847A



778582



85808A



8D7F83



# Sweetspot

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



7F847A



A9ABA7



847F7A



565755



D6D6D6



575757



# Same Dimension

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



7F847A



A3AB9B



7A847A



3F423C



418200



010300



# Inverse Universe

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



7F7A84



A39BAB



847A84



3F3C42



410082

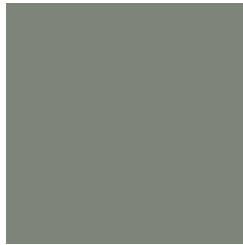


010003



# Previews

## White Background



This preview shows how the Hex color 7F847A looks on a white background.

## Color Contrast Check

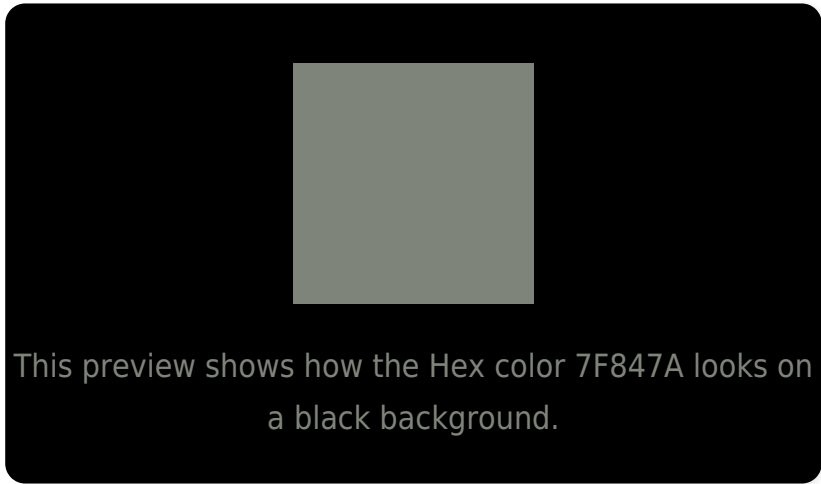
Large Text (above 18pt) WCAG AA ✓ Pass

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

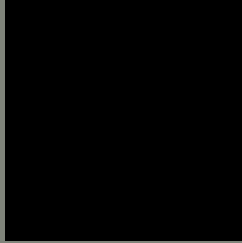
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

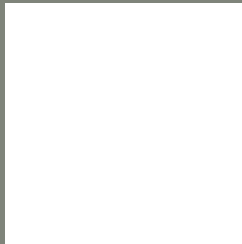
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F847A Background



This preview shows how black text looks on a background with the Hex color 7F847A.



This preview shows how white text looks on a background with the Hex color 7F847A.

# 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**  
7F847A

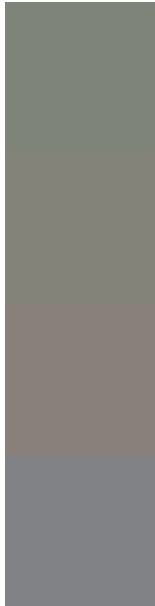
**Protanopia**  
878279

**Deuteranopia**  
917E7B



**Tritanopia**  
82818C

# Trichromacy



**Original Color**

7F847A

**Protanomaly**

848379

**Deuteranomaly**

8A807B

**Tritanomaly**

818285

# Monochromacy



**Original Color**

7F847A

**Achromatopsia**

818181

**Achromatomaly**

80827E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F847A 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 #7F847A looks like.

```
.text, #text, p{  
    color:#7F847A  
}
```

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 #7F847A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F847A
}
```

## Border

The CSS property to change the border of an element to Hex 7F847A 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
#7F847A }
```

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

```
.border{ border-color:#7F847A }
```

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

Here you see how a box with a 4 pixel #7F847A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F847A; -webkit-box-shadow:4px 4px  
4px 4px #7F847A; box-shadow:4px 4px 4px  
4px #7F847A }
```

# Background

The CSS property to change the background color of an element to Hex 7F847A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F847A }
```

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

```
.background{ background-color:#7F847A }
```

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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