

Converting Colors

Hex(7D847C)

Have a look what the booklet for
Hex(7D847C) contains.

Hex(7D847C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D847C)

Conversions

Conversions Part 1

Format	Color
Hex	7D847C
RGB	125, 132, 124
RGB Percent	49%, 52%, 49%
CMY	0.5098, 0.4824, 0.5137
CMYK	0.05, 0.00, 0.06, 0.48
HSL	113°, 3%, 50%
HSV	113°, 6%, 52%
XYZ	20.3468, 22.3177, 22.3041
YIQ	128.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

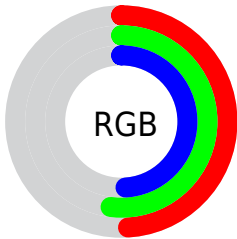
Format	Color
RYB	124, 132, 131
Decimal	8225916
CIELab	54.36, -4.18, 3.42
CIElCh	54, 5.401, 140.752
Yxy	22.3177, 0.3132, 0.3435
Android (android.graphics.Color)	4286415996 (0xFF7D847C)
YUV	128.9950, -2.4625, -3.5036
Hunter-Lab	47.2417, -5.7936, 5.0766

Details

The Hex color **7D847C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **837C84**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B2B9B0**, and **4C534B** is the 20% darker color. If you saturate the color by 10%, you get **71846F**, and if you desaturate by 10%, it is **898489**.

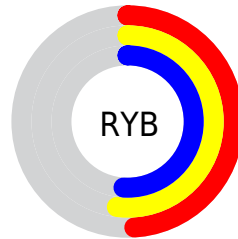
Distribution



Red (49%)

Green (52%)

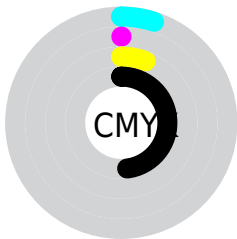
Blue (49%)



Red (49%)

Yellow (52%)

Blue (51%)

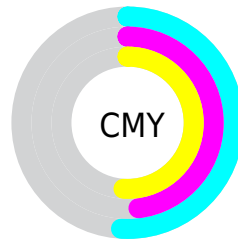


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (48%)



Cyan (51%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D847C 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 7D847C by changing the saturation by 10% instead.

 7D847C

 7D847C

FFFFFF

 646B63

 B2B9B0

 4C534B

 CDD5CC

 353C35

 E9F1E8

 20261F

 091107

 000000

 7D847C

 7D847C

 71846F

 898489

 668462

 948496

 5A8454

 A084A4

 4F8447

 AB84B1

 43843A

 B784BE

 38842D

 C284CB

 2C8420

 CE84D8

 218412

 D984E6

 158405

 E584F3

Harmonies

Analogous

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



828379



7D847C



798580

Triad

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



7D847C



7C838B



8C7F7F

Complementary

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



7D847C



837C84

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.



8B7F84



7D847C



81818B

Square

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



7D847C



788489



878088



8B807B

Rectangle

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



7D847C



778584



878088



8C7F80

Sweetspot

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



7D847C



A8ABA7



84837C



555755



D6D6D6



575757

Same Dimension

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



7D847C



A0AB9F



7C847F



3E423D



108200



000300

Inverse Universe

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



837C84



A99FAB



847C81



423D42



720082



020003

Previews

White Background



This preview shows how the Hex color 7D847C looks on a white background.

Color Contrast Check

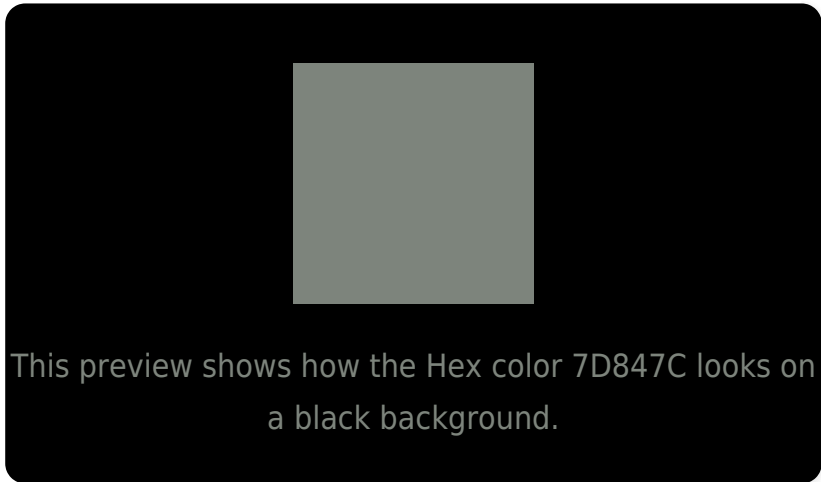
Large Text (above 18pt) WCAG AA ✓ Pass

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

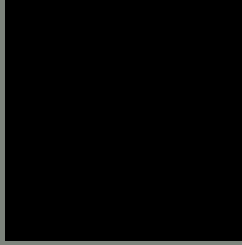
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

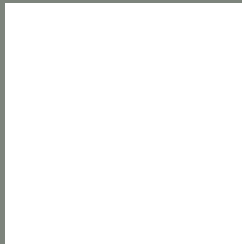
Any Text WCAG AAA × Fail

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

Hex 7D847C Background



This preview shows how black text looks on a background with the Hex color 7D847C.



This preview shows how white text looks on a background with the Hex color 7D847C.

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

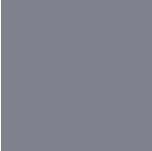
7D847C

Protanopia

86817B

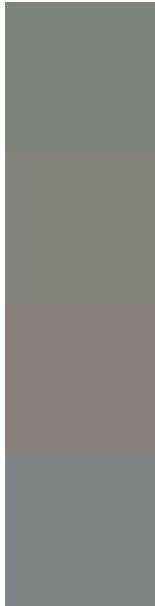
Deuteranopia

907E7D



Tritanopia
7F828C

Trichromacy



Original Color
7D847C

Protanomaly
83827B

Deuteranomaly
89807D

Tritanomaly
7E8386

Monochromacy



Original Color
7D847C

Achromatopsia
818181

Achromatomaly
80827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D847C 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 #7D847C looks like.

```
.text, #text, p{  
    color:#7D847C  
}
```

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 #7D847C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D847C
}
```

Border

The CSS property to change the border of an element to Hex 7D847C 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
#7D847C }
```

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

```
.border{ border-color:#7D847C }
```

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

Here you see how a box with a 4 pixel #7D847C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D847C; -webkit-box-shadow:4px 4px  
4px 4px #7D847C; box-shadow:4px 4px 4px  
4px #7D847C }
```

Background

The CSS property to change the background color of an element to Hex 7D847C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D847C }
```

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

```
.background{ background-color:#7D847C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor