

# Converting Colors

Hex(7C8A87)

Have a look what the booklet for  
Hex(7C8A87) contains.

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# Color

**Hex(7C8A87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C8A87
RGB	124, 138, 135
RGB Percent	49%, 54%, 53%
CMY	0.5137, 0.4588, 0.4706
CMYK	0.10, 0.00, 0.02, 0.46
HSL	167°, 6%, 51%
HSV	167°, 10%, 54%
XYZ	21.7738, 24.2113, 26.4473
YIQ	133.4720, -7.3810, -3.9010

# Conversions

## Conversions Part 2

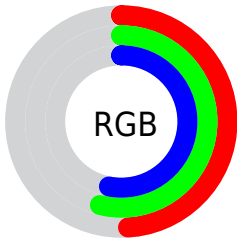
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 132, 138
Decimal	8161927
CIELab	56.30, -5.69, -0.13
CIElCh	56, 5.695, 181.352
Yxy	24.2113, 0.3006, 0.3343
Android (android.graphics.Color)	4286352007 (0xFF7C8A87)
YUV	133.4720, 0.7533, -8.3069
Hunter-Lab	49.2050, -7.1202, 2.5756

# Details

The Hex color **7C8A87** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A7C7F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B1BFBC**, and **4B5855** is the 20% darker color. If you saturate the color by 10%, you get **6E8A84**, and if you desaturate by 10%, it is **8A8A8A**.

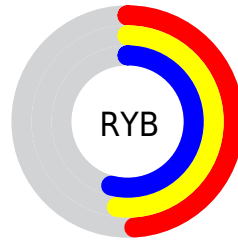
# Distribution



Red (49%)

Green (54%)

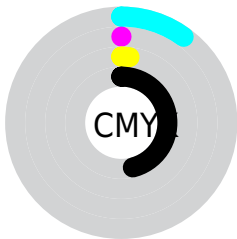
Blue (53%)



Red (49%)

Yellow (52%)

Blue (54%)

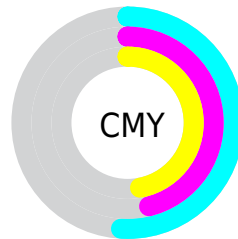


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (46%)



Cyan (51%)

Magenta (46%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8A87 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 7C8A87 by changing the saturation by 10% instead.





7C8A87



7C8A87

FFFFFF



63716E



B1BFBC



4B5855



CCDBD8



34413E



E8F8F4



1F2B28



081714



000000



7C8A87



7C8A87



6E8A84



8A8A8A



608A81



988A8D

■ 538A7E

■ A58A90

■ 458A7B

■ B38A93

■ 378A78

■ C18A96

■ 298A75

■ CF8A99

■ 1B8A72

■ DD8A9C

■ 0E8A6F

■ EA8A9F

■ 008A6C

■ F88AA2

# Harmonies

## Analogous

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



808982



7C8A87



7B8A8C

# Triad

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



7C8A87



88868F



90857E

# Complementary

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



7C8A87



8A7C7F

# 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.



928482



7C8A87



8E848C

# Square

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



7C8A87



828791



918487



8B877D

# Rectangle

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



7C8A87



7C898E



918487



91857F



# Sweetspot

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



7C8A87



ADB3B1



7F8A7C



565958



D9D9D9



595959



# Same Dimension

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



7C8A87



9DB3AE



7C868A



3E4543



008568



000504



# Inverse Universe

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



8A7C7F



B39DA2



8A807C



453E3F



85001C



050001



# Previews

## White Background



This preview shows how the Hex color 7C8A87 looks on a white background.

## Color Contrast Check

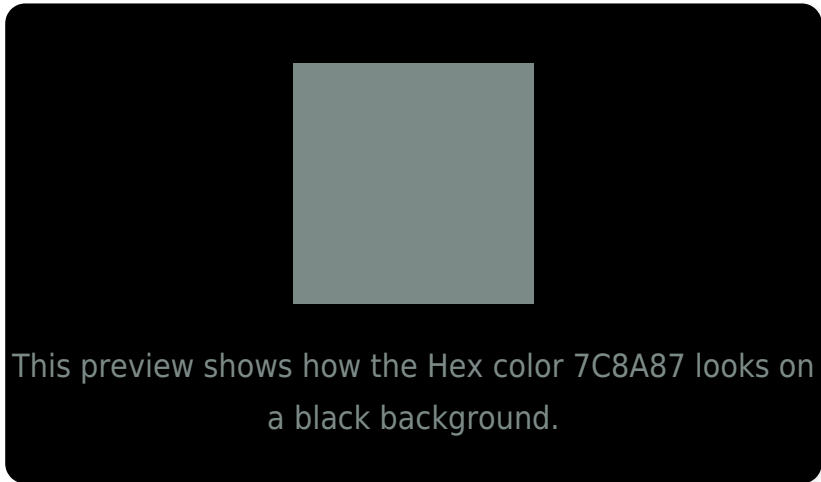
Large Text (above 18pt) WCAG AA ✓ Pass

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

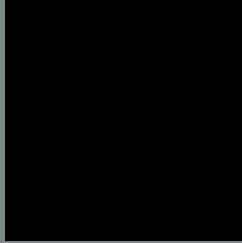
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

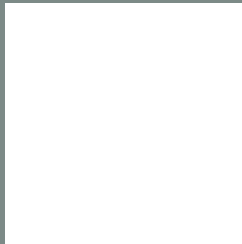
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8A87 Background



This preview shows how black text looks on a background with the Hex color 7C8A87.

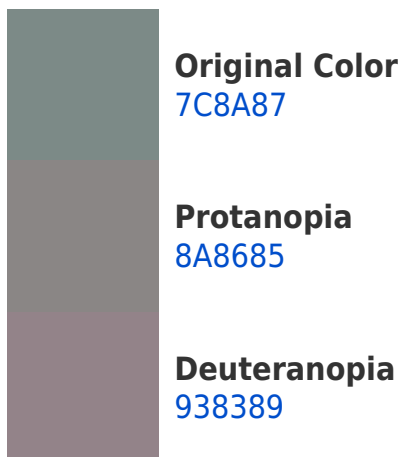


This preview shows how white text looks on a background with the Hex color 7C8A87.

# 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](#).

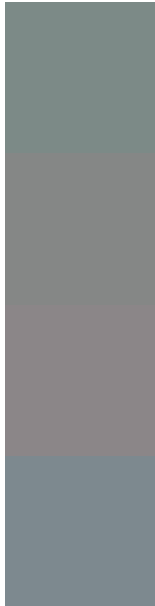
## Dichromacy





**Tritanopia**  
7E8893

# Trichromacy



**Original Color**

7C8A87

**Protanomaly**

858786

**Deuteranomaly**

8B8688

**Tritanomaly**

7D898F

# Monochromacy



**Original Color**

7C8A87

**Achromatopsia**

858585

**Achromatomaly**

828786

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8A87 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 #7C8A87 looks like.

```
.text, #text, p{  
    color:#7C8A87  
}
```

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 #7C8A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8A87
}
```

## Border

The CSS property to change the border of an element to Hex 7C8A87 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
#7C8A87 }
```

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

```
.border{ border-color:#7C8A87 }
```

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

Here you see how a box with a 4 pixel #7C8A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8A87; -webkit-box-shadow:4px 4px  
4px 4px #7C8A87; box-shadow:4px 4px 4px  
4px #7C8A87 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8A87 }
```

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

```
.background{ background-color:#7C8A87 }
```

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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