

# Converting Colors

Hex(7A807D)

Have a look what the booklet for  
Hex(7A807D) contains.

<b>Hex(7A807D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7A807D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A807D
RGB	122, 128, 125
RGB Percent	48%, 50%, 49%
CMY	0.5216, 0.4980, 0.5098
CMYK	0.05, 0.00, 0.02, 0.50
HSL	150°, 2%, 49%
HSV	150°, 5%, 50%
XYZ	19.4469, 21.0566, 22.4414
YIQ	125.8640, -2.6130, -2.2050

# Conversions

## Conversions Part 2

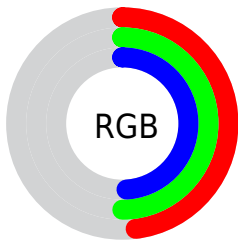
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 126, 128
Decimal	8028285
CIE <sub>Lab</sub>	53.01, -2.83, 0.85
CIE <sub>LCh</sub>	53, 2.958, 163.382
Yxy	21.0566, 0.3090, 0.3345
Android (android.graphics.Color)	4286218365 (0xFF7A807D)
YUV	125.8640, -0.4260, -3.3887
Hunter-Lab	45.8875, -4.6556, 3.1253

# Details

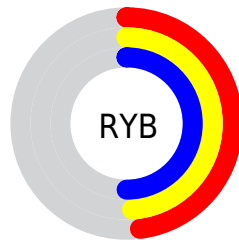
The Hex color **7A807D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807A7D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AEB5B2**, and **494F4C** is the 20% darker color. If you saturate the color by 10%, you get **6D8077**, and if you desaturate by 10%, it is **878083**.

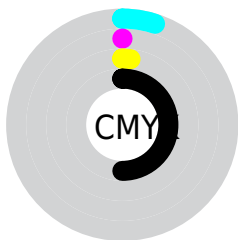
# Distribution



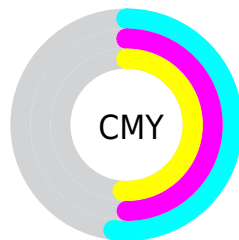
- Red (48%)
- Green (50%)
- Blue (49%)



- Red (48%)
- Yellow (49%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A807D 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 7A807D by changing the saturation by 10% instead.





7A807D



7A807D

FFFFFF



616764



AEB5B2



494F4C



CAD0CD



333836



E6EDE9



1E2320



050D09



000000



7A807D



7A807D



6D8077



878083



608070



94808A

■ 54806A

■ A08090

■ 478063

■ AD8097

■ 3A805D

■ BA809D

■ 2D8057

■ C780A3

■ 208050

■ D480AA

■ 14804A

■ E080B0

■ 078043

■ ED80B7

# Harmonies

## Analogous

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



7D7F7B



7A807D



798080

# Triad

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



7A807D



7D7E83



847D7B

# Complementary

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



7A807D



807A7D

# 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.



847D7D



7A807D



807E82

# Square

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



7A807D



7B7F83



837D80



827E7A

# Rectangle

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



7A807D



798081



837D80



847D7C



# Sweetspot

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



7A807D



A4A6A5



7D807A



535454



D4D4D4



545454



# Same Dimension

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



7A807D



9CA6A1



7A8080



3B403E



008040



000000



# Inverse Universe

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



807A7D



A69CA1



807A7A



403B3E



800040



000000



# Previews

## White Background



This preview shows how the Hex color 7A807D looks on a white background.

## Color Contrast Check

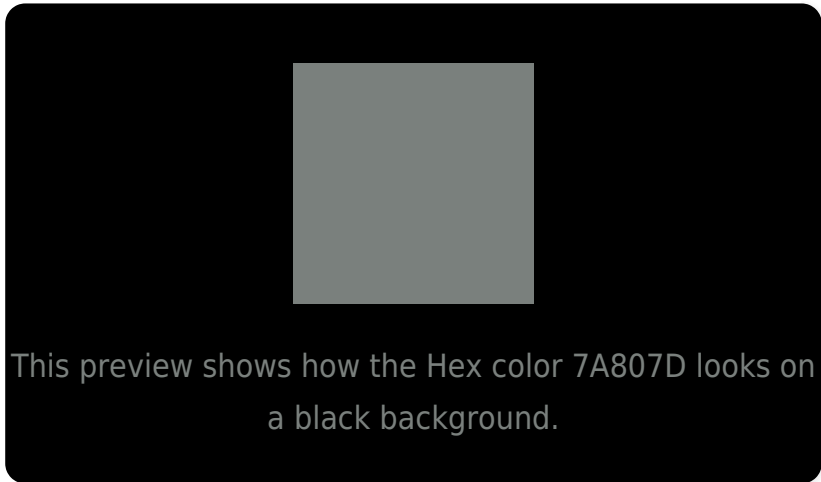
Large Text (above 18pt) WCAG AA ✓ Pass

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

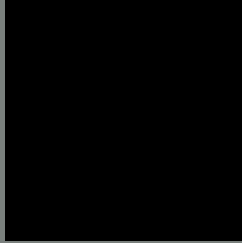
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

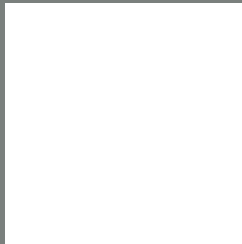
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A807D Background



This preview shows how black text looks on a background with the Hex color 7A807D.



This preview shows how white text looks on a background with the Hex color 7A807D.

# 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**

7A807D

**Protanopia**

817E7C

**Deuteranopia**

8B7A7E



**Tritanopia**  
7C7E88

# Trichromacy



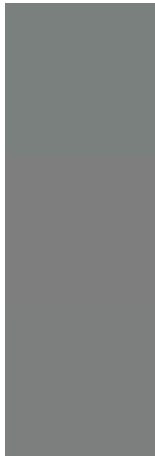
**Original Color**  
7A807D

**Protanomaly**  
7E7F7C

**Deuteranomaly**  
857C7E

**Tritanomaly**  
7B7F84

# Monochromacy



**Original Color**  
7A807D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7D7F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A807D 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 #7A807D looks like.

```
.text, #text, p{  
    color:#7A807D  
}
```

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 #7A807D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A807D
}
```

## Border

The CSS property to change the border of an element to Hex 7A807D 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
#7A807D }
```

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

```
.border{ border-color:#7A807D }
```

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

Here you see how a box with a 4 pixel #7A807D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A807D; -webkit-box-shadow:4px 4px  
4px 4px #7A807D; box-shadow:4px 4px 4px  
4px #7A807D }
```

# Background

The CSS property to change the background color of an element to Hex 7A807D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A807D }
```

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

```
.background{ background-color:#7A807D }
```

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