

# Converting Colors

Hex(7F7C7B)

Have a look what the booklet for  
Hex(7F7C7B) contains.

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# Color

**Hex(7F7C7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7C7B
RGB	127, 124, 123
RGB Percent	50%, 49%, 48%
CMY	0.5020, 0.5137, 0.5176
CMYK	0.00, 0.02, 0.03, 0.50
HSL	15°, 2%, 49%
HSV	15°, 3%, 50%
XYZ	19.5352, 20.3574, 21.6386
YIQ	124.7830, 2.1090, 0.3250

# Conversions

## Conversions Part 2

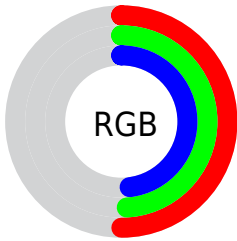
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 124, 123
Decimal	8354939
CIE Lab	52.24, 0.94, 0.94
CIE LCh	52, 1.329, 45.001
Yxy	20.3574, 0.3175, 0.3308
Android (android.graphics.Color)	4286545019 (0xFF7F7C7B)
YUV	124.7830, -0.8790, 1.9443
Hunter-Lab	45.1192, -1.6736, 3.1486

# Details

The Hex color **7F7C7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7E7F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4B0AF**, and **4E4B4A** is the 20% darker color. If you saturate the color by 10%, you get **7F726E**, and if you desaturate by 10%, it is **7F8688**.

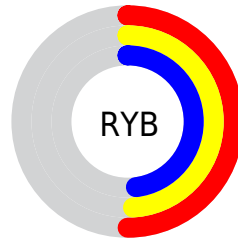
# Distribution



Red (50%)

Green (49%)

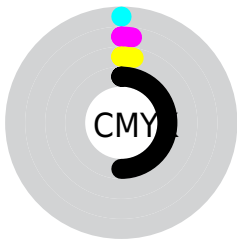
Blue (48%)



Red (50%)

Yellow (49%)

Blue (48%)

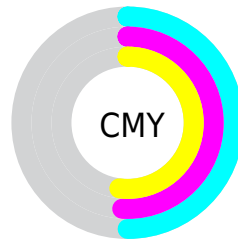


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7C7B 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 7F7C7B by changing the saturation by 10% instead.



■ 7F7C7B

■ 7F7C7B

FFFFFF

■ 666362

■ B4B0AF

■ 4E4B4A

■ CFCCCB

■ 373534

■ EBE8E7

■ 22201F

■ 0C0706

■ 000000

■ 7F7C7B

■ 7F7C7B

■ 7F726E

■ 7F8688

■ 7F6962

■ 7F8F94

 7F5F55

 7F99A1

 7F5648

 7FA2AE

 7F4C3B

 7FACBB

 7F432F

 7FB5C7

 7F3922

 7FBFD4

 7F3015

 7FC8E1

 7F2609

 7FD2ED

# Harmonies

## Analogous

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



7F7C7C



7F7C7B



7E7C7A

# Triad

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



7F7C7B



7B7D7C



7C7C7F

# Complementary

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



7F7C7B



7B7E7F

# 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.



7B7D7F



7F7C7B



7A7D7D

# Square

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



7F7C7B



7C7D7B



7A7D7E



7E7C7E

# Rectangle

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



7F7C7B



7D7D7A



7A7D7E



7C7D7F



# Sweetspot

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



7F7C7B



A6A5A4



7F7B7E



545453



D4D4D4



545454



# Same Dimension

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



7F7C7B



A6A19F



7F7E7B



403D3D



802000



000000



# Inverse Universe

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



7B7E7F



9FA4A6



7B7C7F



3D3F40



006080



000000



# Previews

## White Background



This preview shows how the Hex color 7F7C7B looks on a white background.

## Color Contrast Check

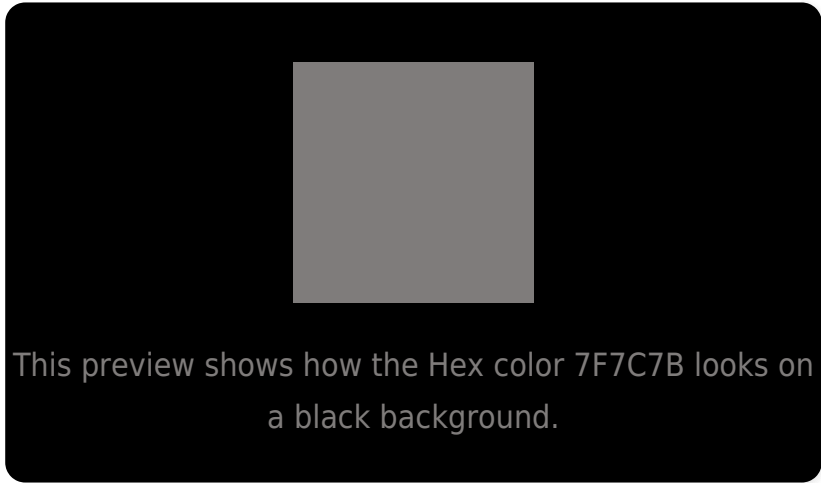
Large Text (above 18pt) WCAG AA ✓ Pass

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

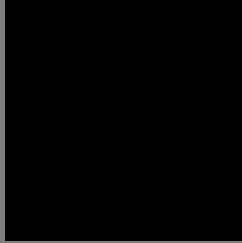
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

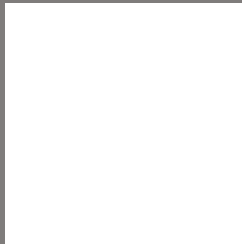
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F7C7B Background



This preview shows how black text looks on a background with the Hex color 7F7C7B.



This preview shows how white text looks on a background with the Hex color 7F7C7B.

# 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**

7F7C7B

**Protanopia**

7F7C7B

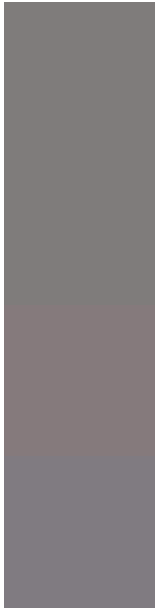
**Deuteranopia**

89797C



**Tritanopia**  
807B84

# Trichromacy



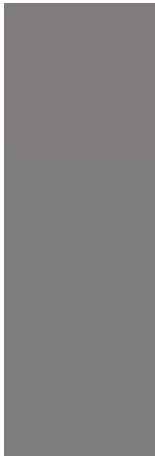
**Original Color**  
7F7C7B

**Protanomaly**  
7F7C7B

**Deuteranomaly**  
857A7C

**Tritanomaly**  
807B81

# Monochromacy



**Original Color**  
7F7C7B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7C7B 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 #7F7C7B looks like.

```
.text, #text, p{  
    color:#7F7C7B  
}
```

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 #7F7C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7C7B
}
```

## Border

The CSS property to change the border of an element to Hex 7F7C7B 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
#7F7C7B }
```

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

```
.border{ border-color:#7F7C7B }
```

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

Here you see how a box with a 4 pixel #7F7C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7C7B; -webkit-box-shadow:4px 4px  
4px 4px #7F7C7B; box-shadow:4px 4px 4px  
4px #7F7C7B }
```

# Background

The CSS property to change the background color of an element to Hex 7F7C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7C7B }
```

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

```
.background{ background-color:#7F7C7B }
```

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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