

# Converting Colors

Hex(7F7C7C)

Have a look what the booklet for  
Hex(7F7C7C) contains.

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# Color

Hex(7F7C7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F7C7C
RGB	127, 124, 124
RGB Percent	50%, 49%, 49%
CMY	0.5020, 0.5137, 0.5137
CMYK	0.00, 0.02, 0.02, 0.50
HSL	0°, 1%, 49%
HSV	0°, 2%, 50%
XYZ	19.5981, 20.3826, 21.9701
YIQ	124.8970, 1.7880, 0.6360

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 124, 124
Decimal	8354940
CIELab	52.27, 1.14, 0.40
CIELCh	52, 1.202, 19.213
Yxy	20.3826, 0.3164, 0.3290
Android (android.graphics.Color)	4286545020 (0xFF7F7C7C)
YUV	124.8970, -0.4422, 1.8443
Hunter-Lab	45.1471, -1.5213, 2.7504

# Details

The Hex color **7F7C7C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C7F7F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4B0B0**, and **4E4B4B** is the 20% darker color. If you saturate the color by 10%, you get **7F6F6F**, and if you desaturate by 10%, it is **7F8989**.

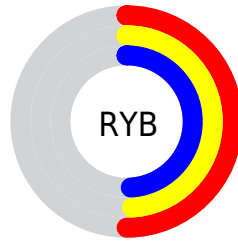
# Distribution



Red (50%)

Green (49%)

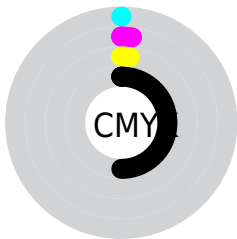
Blue (49%)



Red (50%)

Yellow (49%)

Blue (49%)

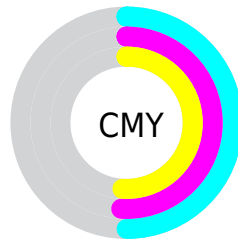


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7C7C 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 7F7C7C by changing the saturation by 10% instead.



■ 7F7C7C

■ 7F7C7C

FFFFFF

■ 666363

■ B4B0B0

■ 4E4B4B

■ CFCCCC

■ 373535

■ EBE8E8

■ 222020

■ 0C0707

■ 000000

■ 7F7C7C

■ 7F7C7C

■ 7F6F6F

■ 7F8989

■ 7F6363

■ 7F9595

 7F5656

 7FA2A2

 7F4949

 7FAFAF

 7F3C3C

 7FBCBC

 7F3030

 7FC8C8

 7F2323

 7FD5D5

 7F1616

 7FE2E2

 7F0A0A

 7FE2E2

# Harmonies

## Analogous

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



7F7C7D



7F7C7C



7F7C7B

# Triad

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



7F7C7C



7C7D7B



7B7D7F

# Complementary

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



7F7C7C



7C7F7F

# 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.



7A7D7E



7F7C7C



7B7D7C

# Square

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



7F7C7C



7D7D7B



7A7D7D



7C7D7F

# Rectangle

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



7F7C7C



7E7C7B



7A7D7D



7B7D7F



# Sweetspot

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



7F7C7C



A6A4A4



7F7C7F



545353



D4D4D4



545454



# Same Dimension

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



7F7C7C



A6A1A1



7F7E7C



403D3D



800000



000000



# Inverse Universe

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



7C7F7F



A1A6A6



7C7E7F



3D4040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 7F7C7C looks on a white background.

## Color Contrast Check

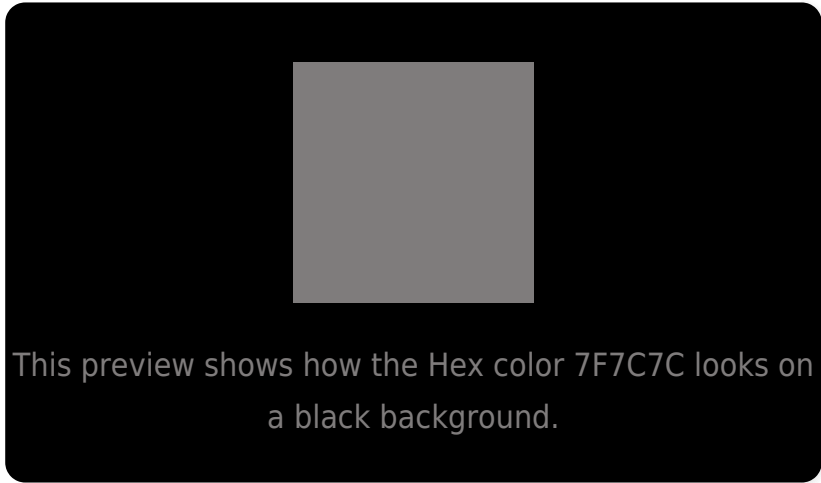
Large Text (above 18pt) WCAG AA ✓ Pass

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

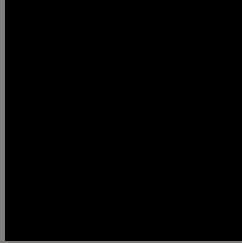
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

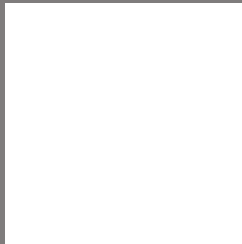
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F7C7C Background



This preview shows how black text looks on a background with the Hex color 7F7C7C.



This preview shows how white text looks on a background with the Hex color 7F7C7C.

# 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**

7F7C7C

**Protanopia**

7F7C7C

**Deuteranopia**

89797D



**Tritanopia**  
807B84

# Trichromacy



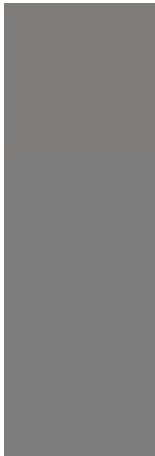
**Original Color**  
7F7C7C

**Protanomaly**  
7F7C7C

**Deuteranomaly**  
857A7D

**Tritanomaly**  
807B81

# Monochromacy



**Original Color**  
7F7C7C

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7D7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7C7C 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 #7F7C7C looks like.

```
.text, #text, p{  
    color:#7F7C7C  
}
```

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 #7F7C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7C7C
}
```

## Border

The CSS property to change the border of an element to Hex 7F7C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

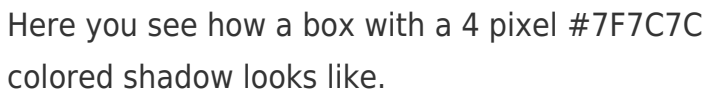
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F7C7C }
```

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

```
.border{ border-color:#7F7C7C }
```

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



Here you see how a box with a 4 pixel #7F7C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7C7C; -webkit-box-shadow:4px 4px  
4px 4px #7F7C7C; box-shadow:4px 4px 4px  
4px #7F7C7C }
```

# Background

The CSS property to change the background color of an element to Hex 7F7C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7C7C }
```

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

```
.background{ background-color:#7F7C7C }
```

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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