

# Converting Colors

Hex(7A7D77)

Have a look what the booklet for  
Hex(7A7D77) contains.

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# Color

Hex(7A7D77)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7D77
RGB	122, 125, 119
RGB Percent	48%, 49%, 47%
CMY	0.5216, 0.5098, 0.5333
CMYK	0.02, 0.00, 0.05, 0.51
HSL	90°, 2%, 48%
HSV	90°, 5%, 49%
XYZ	18.6894, 20.1367, 20.3545
YIQ	123.4190, 0.1380, -2.5020

# Conversions

## Conversions Part 2

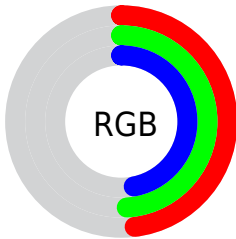
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 125, 122
Decimal	8027511
CIELab	51.99, -2.31, 2.87
CIELCh	52, 3.687, 128.892
Yxy	20.1367, 0.3158, 0.3403
Android (android.graphics.Color)	4286217591 (0xFF7A7D77)
YUV	123.4190, -2.1786, -1.2445
Hunter-Lab	44.8740, -4.1864, 4.5183

# Details

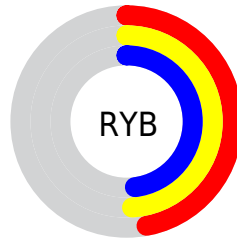
The Hex color **7A7D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A777D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AEB2AB**, and **494C47** is the 20% darker color. If you saturate the color by 10%, you get **747D6B**, and if you desaturate by 10%, it is **807D84**.

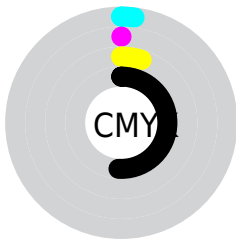
# Distribution



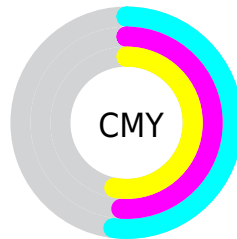
- Red (48%)
- Green (49%)
- Blue (47%)



- Red (47%)
- Yellow (49%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7D77 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 7A7D77 by changing the saturation by 10% instead.





7A7D77



7A7D77

FFFFFF



61645E



AEB2AB



494C47



CACDC6



333630



E6E9E2



1E201C



050900



000000



7A7D77



7A7D77



747D6B



807D84



6E7D5E



867D90

677D52

8D7D9C

617D45

937DA9

5B7D39

997DB5

557D2C

9F7DC2

4E7D1F

A67DCF

487D13

AC7DDB

427D07

B27DE7

# Harmonies

## Analogous

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



7E7C76



7A7D77



777E7A

# Triad

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



7A7D77



777D82



837A7B

# Complementary

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



7A7D77



7A777D

# 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.



817A7E



7A7D77



7A7C82

# Square

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



7A7D77



757E80



7E7B81



837A78

# Rectangle

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



7A7D77



757E7C



7E7B81



827A7C



# Sweetspot

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



7A7D77



A2A3A2



7D7A77



515251



D1D1D1



525252



# Same Dimension

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



7A7D77



9EA399



777D77



3E403B



408000



000000



# Inverse Universe

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



7A777D



9E99A3



7D777D



3E3B40



400080



000000



# Previews

## White Background



This preview shows how the Hex color 7A7D77 looks on a white background.

## Color Contrast Check

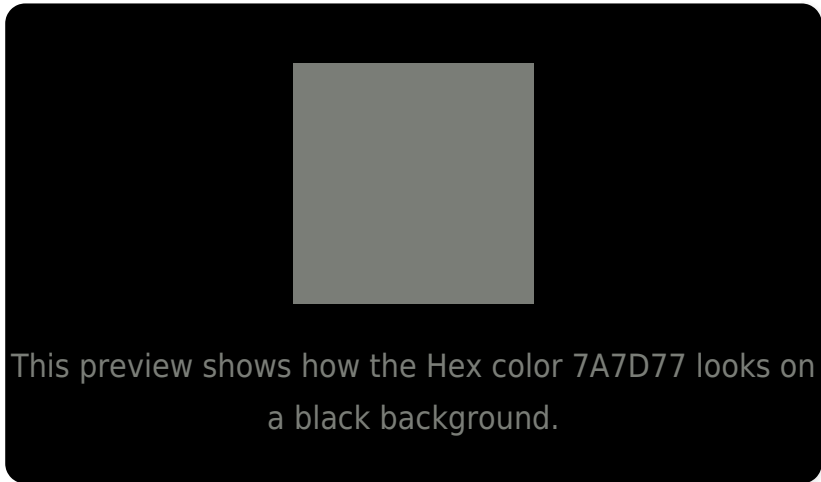
Large Text (above 18pt) WCAG AA ✓ Pass

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

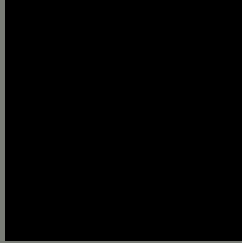
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

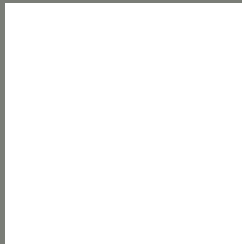
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7D77 Background



This preview shows how black text looks on a background with the Hex color 7A7D77.



This preview shows how white text looks on a background with the Hex color 7A7D77.

# 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**

7A7D77

**Protanopia**

7F7B76

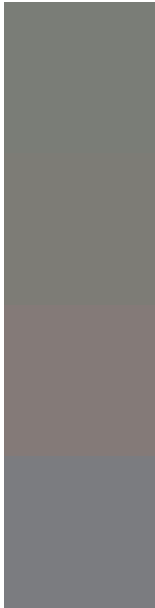
**Deuteranopia**

897878



**Tritanopia**  
7C7B85

# Trichromacy



**Original Color**  
7A7D77

**Protanomaly**  
7D7C76

**Deuteranomaly**  
847A78

**Tritanomaly**  
7B7C80

# Monochromacy



**Original Color**  
7A7D77

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7D77 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 #7A7D77 looks like.

```
.text, #text, p{  
    color:#7A7D77  
}
```

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 #7A7D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7D77  
}
```

## Border

The CSS property to change the border of an element to Hex 7A7D77 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  
#7A7D77 }
```

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

```
.border{ border-color:#7A7D77 }
```

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

Here you see how a box with a 4 pixel #7A7D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7D77; -webkit-box-shadow:4px 4px  
4px 4px #7A7D77; box-shadow:4px 4px 4px  
4px #7A7D77 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7D77 }
```

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

```
.background{ background-color:#7A7D77 }
```

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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