

# Converting Colors

Hex(7B7C6E)

Have a look what the booklet for  
Hex(7B7C6E) contains.

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# Color

Hex(7B7C6E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7C6E
RGB	123, 124, 110
RGB Percent	48%, 49%, 43%
CMY	0.5176, 0.5137, 0.5686
CMYK	0.01, 0.00, 0.11, 0.51
HSL	64°, 6%, 46%
HSV	64°, 11%, 49%
XYZ	18.1905, 19.7520, 17.6056
YIQ	122.1050, 3.8980, -4.5660

# Conversions

## Conversions Part 2

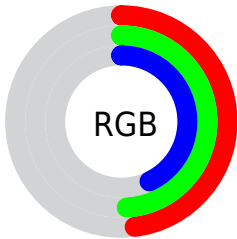
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 124, 111
Decimal	8092782
CIELab	51.56, -3.05, 7.52
CIELCh	52, 8.111, 112.066
Yxy	19.7520, 0.3275, 0.3556
Android (android.graphics.Color)	4286282862 (0xFF7B7C6E)
YUV	122.1050, -5.9678, 0.7849
Hunter-Lab	44.4433, -4.7162, 7.6233

# Details

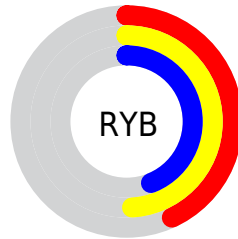
The Hex color **7B7C6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6E7C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFB0A2**, and **4A4B3E** is the 20% darker color. If you saturate the color by 10%, you get **7A7C62**, and if you desaturate by 10%, it is **7C7C7A**.

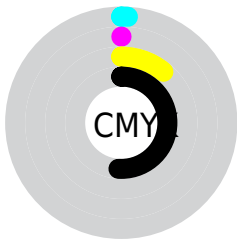
# Distribution



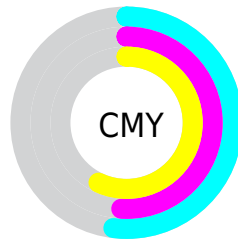
- Red (48%)
- Green (49%)
- Blue (43%)



- Red (43%)
- Yellow (49%)
- Blue (44%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7C6E 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 7B7C6E by changing the saturation by 10% instead.





7B7C6E



7B7C6E

FFFFFF



626356



AFB0A2



4A4B3E



CBCCBD



343529



E7E8D8



1E2014



FFFFFF5



010800



000000



7B7C6E



7B7C6E



7A7C62



7C7C7A



797C55



7D7C87

 787C49

 7E7C93

 777C3C

 7F7CA0

 777C30

 7F7CAC

 767C24

 807CB8

 757C17

 817CC5

 747C0B

 827CD1

 737C00

 837CDE

# Harmonies

## Analogous

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



837A6D



7B7C6E



737E72

# Triad

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



7B7C6E



6B7E86



88767D

# Complementary

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



7B7C6E



6F6E7C

# 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.



827883



7B7C6E



727C88

# Square

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



7B7C6E



6A7F80



7A7A88



8A7676

# Rectangle

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



7B7C6E



6E7F76



7A7A88



86777F



# Sweetspot

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



7B7C6E



A0A19C



7C6F6E



51524E



D1D1D1



525252



# Same Dimension

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



7B7C6E



9FA18A



747C6E



3D3D37



747D00



EAFC00



# Inverse Universe

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



6F6E7C



8C8AA1



766E7C



38373D



09007D

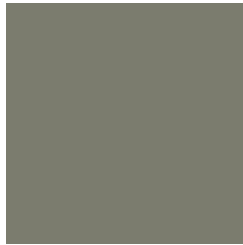


1200FC



# Previews

## White Background



This preview shows how the Hex color 7B7C6E looks on a white background.

## Color Contrast Check

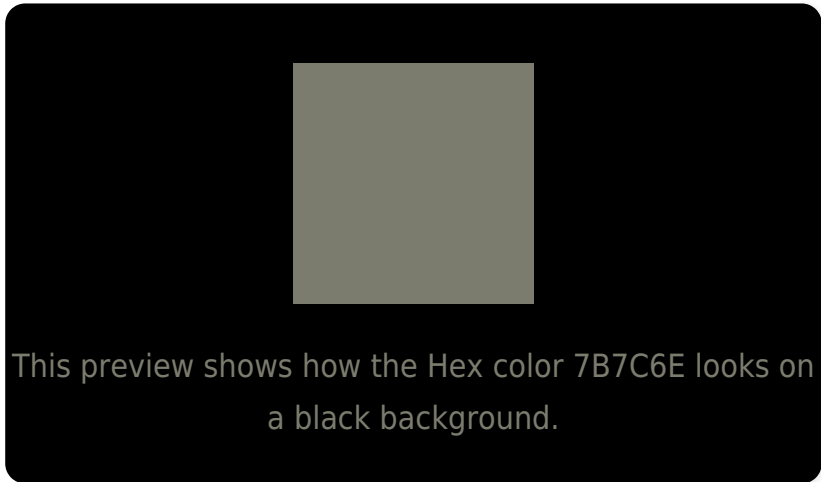
Large Text (above 18pt) WCAG AA ✓ Pass

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

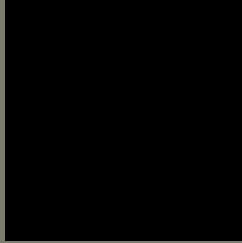
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

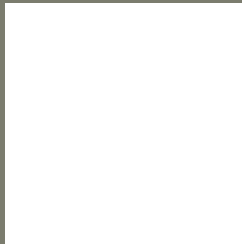
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7C6E Background



This preview shows how black text looks on a background with the Hex color 7B7C6E.

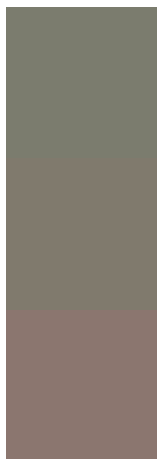


This preview shows how white text looks on a background with the Hex color 7B7C6E.

# 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**

7B7C6E

**Protanopia**

807A6D

**Deuteranopia**

8B766F



**Tritanopia**  
7E7983

# Trichromacy



**Original Color**  
7B7C6E

**Protanomaly**  
7E7B6D

**Deuteranomaly**  
85786F

**Tritanomaly**  
7D7A7B

# Monochromacy



**Original Color**  
7B7C6E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7A7B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7C6E 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 #7B7C6E looks like.

```
.text, #text, p{  
    color:#7B7C6E  
}
```

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 #7B7C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7C6E
}
```

## Border

The CSS property to change the border of an element to Hex 7B7C6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

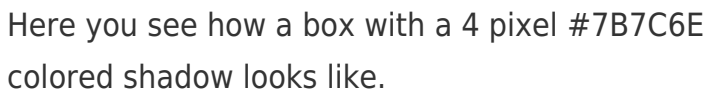
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7C6E }
```

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

```
.border{ border-color:#7B7C6E }
```

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



Here you see how a box with a 4 pixel #7B7C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7C6E; -webkit-box-shadow:4px 4px  
4px 4px #7B7C6E; box-shadow:4px 4px 4px  
4px #7B7C6E }
```

# Background

The CSS property to change the background color of an element to Hex 7B7C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7C6E }
```

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

```
.background{ background-color:#7B7C6E }
```

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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