

# Converting Colors

Hex(7A7D70)

Have a look what the booklet for  
Hex(7A7D70) contains.

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# Color

Hex(7A7D70)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7D70
RGB	122, 125, 112
RGB Percent	48%, 49%, 44%
CMY	0.5216, 0.5098, 0.5608
CMYK	0.02, 0.00, 0.10, 0.51
HSL	74°, 5%, 46%
HSV	74°, 10%, 49%
XYZ	18.2843, 19.9747, 18.2210
YIQ	122.6210, 2.3850, -4.6790

# Conversions

## Conversions Part 2

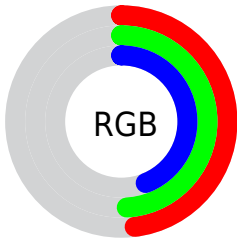
Format	Color
<a href="#">RYB</a>	<a href="#">112, 125, 115</a>
Decimal	<a href="#">8027504</a>
CIELab	<a href="#">51.81, -3.64, 6.70</a>
CIElCh	<a href="#">52, 7.624, 118.540</a>
Yxy	<a href="#">19.9747, 0.3237, 0.3537</a>
Android (android.graphics.Color)	<a href="#">4286217584 (0xFF7A7D70)</a>
YUV	<a href="#">122.6210, -5.2362, -0.5446</a>
Hunter-Lab	<a href="#">44.6930, -5.1869, 7.1130</a>

# Details

The Hex color **7A7D70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73707D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AEB2A4**, and **494C40** is the 20% darker color. If you saturate the color by 10%, you get **777D64**, and if you desaturate by 10%, it is **7D7D7D**.

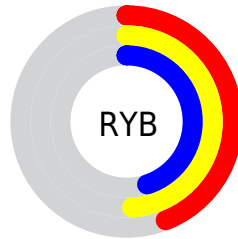
# Distribution



Red (48%)

Green (49%)

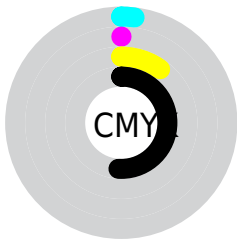
Blue (44%)



Red (44%)

Yellow (49%)

Blue (45%)

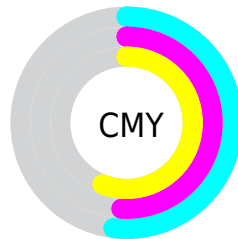


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7D70 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 7A7D70 by changing the saturation by 10% instead.



 7A7D70

 7A7D70

FFFFFF

 616458


 AEB2A4

 494C40

 CACDBF

 33362A

 E6E9DB

 1E2016

 FFFFF7

 010900

 000000

 7A7D70

 7A7D70

 777D64

 7D7D7D

 747D57

 807D89

717D4B

837D95

6E7D3E

867DA2

6C7D32

887DAE

697D25

8B7DBB

667D18

8E7DC8

637D0C

917DD4

607D00

947DE0

# Harmonies

## Analogous

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



817B6F



7A7D70



737F75

# Triad

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



7A7D70



6E7E86



89777C

# Complementary

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



7A7D70



73707D

# 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.



847882



7A7D70



747C88

# Square

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



7A7D70



6B7F81



7C7A87



8A7776

# Rectangle

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



7A7D70



6F7F79



7C7A87



87777E



# Sweetspot

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



7A7D70



A2A39E



7D7370



51524E



D1D1D1



525252



# Same Dimension

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



7A7D70



9FA390



747D70



3E4039



628000



000000



# Inverse Universe

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



73707D



9490A3



79707D



3B3940



1D0080



000000



# Previews

## White Background



This preview shows how the Hex color 7A7D70 looks on a white background.

## Color Contrast Check

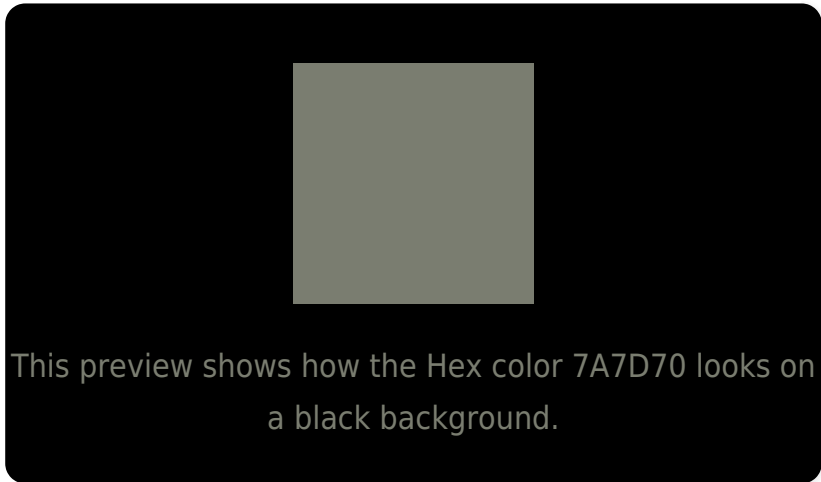
Large Text (above 18pt) WCAG AA ✓ Pass

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

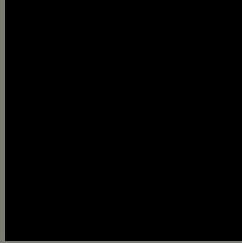
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

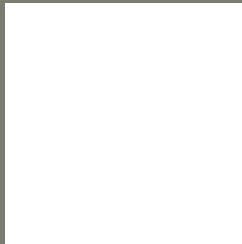
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7D70 Background



This preview shows how black text looks on a background with the Hex color 7A7D70.



This preview shows how white text looks on a background with the Hex color 7A7D70.

# 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**


7A7D70

**Protanopia**

817B6F

**Deuteranopia**

8B7771



**Tritanopia**  
7D7A84

# Trichromacy



**Original Color**  
7A7D70

**Protanomaly**  
7E7C6F

**Deuteranomaly**  
857971

**Tritanomaly**  
7C7B7D

# Monochromacy



**Original Color**  
7A7D70

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7D70 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 #7A7D70 looks like.

```
.text, #text, p{  
    color:#7A7D70  
}
```

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 #7A7D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7D70
}
```

## Border

The CSS property to change the border of an element to Hex 7A7D70 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
#7A7D70 }
```

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

```
.border{ border-color:#7A7D70 }
```

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

Here you see how a box with a 4 pixel #7A7D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7D70; -webkit-box-shadow:4px 4px  
4px 4px #7A7D70; box-shadow:4px 4px 4px  
4px #7A7D70 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7D70 }
```

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

```
.background{ background-color:#7A7D70 }
```

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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