

Converting Colors

Hex(7A7E66)

Have a look what the booklet for
Hex(7A7E66) contains.

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Color

Hex(7A7E66)

Conversions

Conversions Part 1

Format	Color
Hex	7A7E66
RGB	122, 126, 102
RGB Percent	48%, 49%, 40%
CMY	0.5216, 0.5059, 0.6000
CMYK	0.03, 0.00, 0.19, 0.51
HSL	70°, 11%, 45%
HSV	70°, 19%, 49%
XYZ	17.8852, 20.0186, 15.4917
YIQ	122.0680, 5.3200, -8.3120

Conversions

Conversions Part 2

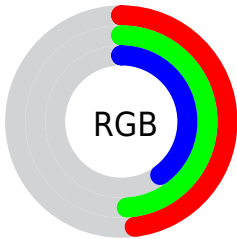
Format	Color
RYB	102, 126, 106
Decimal	8027750
CIELab	51.86, -5.97, 12.59
CIElCh	52, 13.932, 115.384
Yxy	20.0186, 0.3350, 0.3749
Android (android.graphics.Color)	4286217830 (0xFF7A7E66)
YUV	122.0680, -9.8935, -0.0596
Hunter-Lab	44.7421, -6.9454, 10.7907

Details

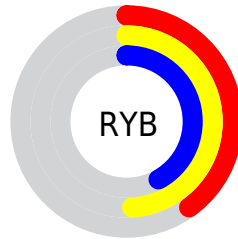
The Hex color **7A7E66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A667E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFB399**, and **494D37** is the 20% darker color. If you saturate the color by 10%, you get **787E59**, and if you desaturate by 10%, it is **7C7E73**.

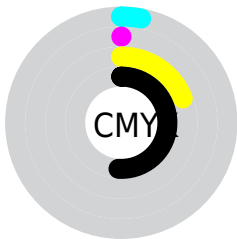
Distribution



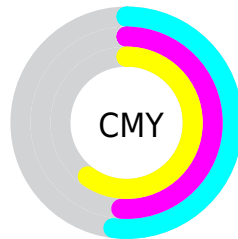
- Red (48%)
- Green (49%)
- Blue (40%)



- Red (40%)
- Yellow (49%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7E66 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 7A7E66 by changing the saturation by 10% instead.

 7A7E66

 7A7E66

FFFFFF

 61654E

 AFB399

 494D37

 CACEB4

 323621

 E6EACF

 1D210C

 FFFFEC

 000B00

 000000

 7A7E66

 7A7E66

 787E59

 7C7E73

 767E4D

 7E7E7F

■ 747E40

■ 807E8C

■ 727E34

■ 827E98

■ 707E27

■ 847EA5

■ 6D7E1A

■ 877EB2

■ 6B7E0E

■ 897EBE

■ 697E01

■ 8B7ECB

■ 697E00

■ 8D7ED7

Harmonies

Analogous

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



877A64



7A7E66



6C816E

Triad

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



7A7E66



60818F



92737E

Complementary

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



7A7E66



6A667E

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.



897689



7A7E66



6C7D93

Square

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



7A7E66



5C8285



7B7991



957472

Rectangle

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



7A7E66



648275



7B7991



907482

Sweetspot

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



7A7E66



A2A399



7E6A66



51524C



D1D1D1



525252

Same Dimension

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



7A7E66



9DA37E



6E7E66



3F4039



6A8000



000000

Inverse Universe

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



6A667E



847EA3



76667E



3A3940



150080



000000

Previews

White Background



This preview shows how the Hex color 7A7E66 looks on a white background.

Color Contrast Check

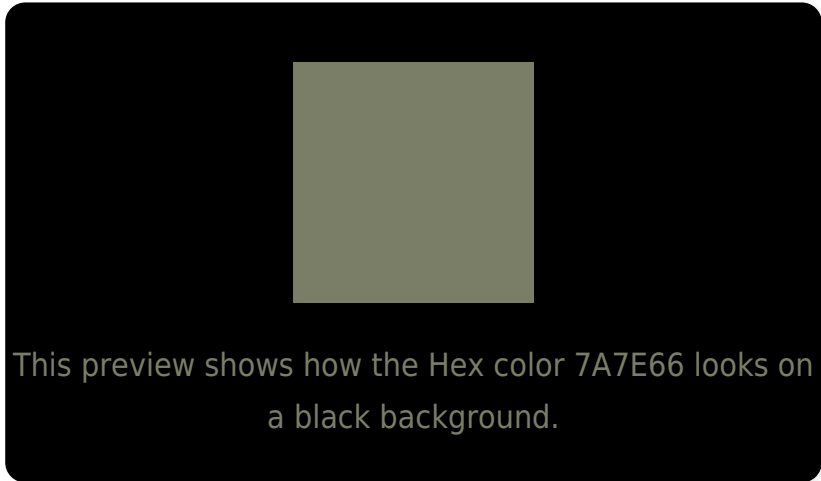
Large Text (above 18pt) WCAG AA ✓ Pass

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

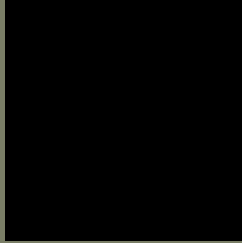
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

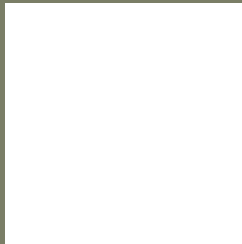
Any Text WCAG AAA × Fail

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

Hex 7A7E66 Background



This preview shows how black text looks on a background with the Hex color 7A7E66.



This preview shows how white text looks on a background with the Hex color 7A7E66.

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


7A7E66

Protanopia

837B65

Deuteranopia

8F7767



Tritanopia
7E7A84

Trichromacy



Original Color
7A7E66

Protanomaly
807C65

Deuteranomaly
877A67

Tritanomaly
7D7B79

Monochromacy



Original Color
7A7E66

Achromatopsia
7A7A7A

Achromatomaly
7A7B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7E66 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 #7A7E66 looks like.

```
.text, #text, p{  
    color:#7A7E66  
}
```

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 #7A7E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7E66  
}
```

Border

The CSS property to change the border of an element to Hex 7A7E66 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".

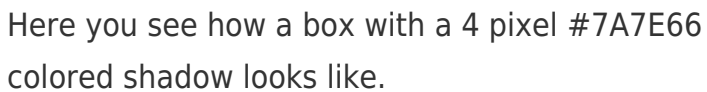
```
.border, #border, table{ border:4px solid  
#7A7E66 }
```

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

```
.border{ border-color:#7A7E66 }
```

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

Here you see how a box with a 4 pixel #7A7E66 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7E66; -webkit-box-shadow:4px 4px  
4px 4px #7A7E66; box-shadow:4px 4px 4px  
4px #7A7E66 }
```

Background

The CSS property to change the background color of an element to Hex 7A7E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7E66 }
```

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

```
.background{ background-color:#7A7E66 }
```

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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