

# Converting Colors

Hex(7A756A)

Have a look what the booklet for  
Hex(7A756A) contains.

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# Color

Hex(7A756A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A756A
RGB	122, 117, 106
RGB Percent	48%, 46%, 42%
CMY	0.5216, 0.5412, 0.5843
CMYK	0.00, 0.04, 0.13, 0.52
HSL	41°, 7%, 45%
HSV	41°, 13%, 48%
XYZ	16.9888, 17.9008, 16.1955
YIQ	117.2410, 6.5110, -2.3610

# Conversions

## Conversions Part 2

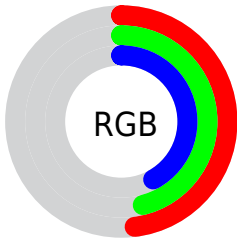
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 122, 106
Decimal	8025450
CIE Lab	49.38, -0.14, 6.75
CIE LCh	49, 6.750, 91.186
Yxy	17.9008, 0.3326, 0.3504
Android (android.graphics.Color)	4286215530 (0xFF7A756A)
YUV	117.2410, -5.5418, 4.1736
Hunter-Lab	42.3093, -2.3665, 6.9211

# Details

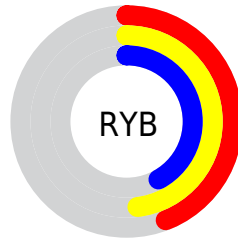
The Hex color **7A756A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6F7A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AEA99D**, and **49453B** is the 20% darker color. If you saturate the color by 10%, you get **7A715E**, and if you desaturate by 10%, it is **7A7976**.

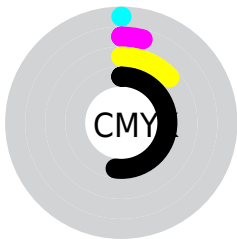
# Distribution



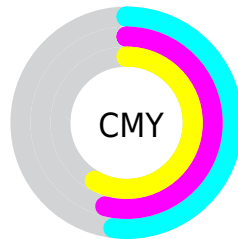
- Red (48%)
- Green (46%)
- Blue (42%)



- Red (44%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A756A 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 7A756A by changing the saturation by 10% instead.





7A756A



7A756A

FFFFFF



615C52



AEA99D



49453B



CAC4B8



332F25



E6E0D4



1E1A10



FFDF0



000000



7A756A



7A756A



7A715E



7A7976



7A6D52



7A7D82



7A6A45



7A808F

 7A6639

 7A849B

 7A622D

 7A88A7

 7A5E21

 7A8CB3

 7A5A15

 7A90BF

 7A5608

 7A94CC

 7A5400

 7A97D8

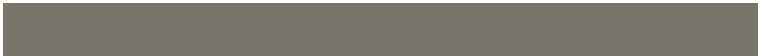
# Harmonies

## Analogous

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



7F736C



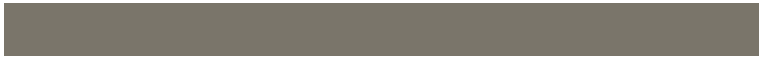
7A756A



73776C

# Triad

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



7A756A



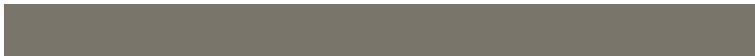
67797B



7D727B

# Complementary

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



7A756A



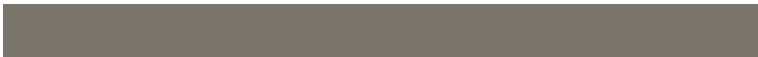
6A6F7A

# 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.



77747F



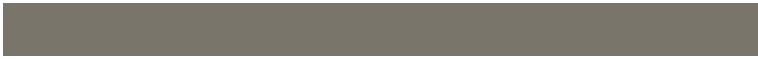
7A756A



6A777F

# Square

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



7A756A



697975



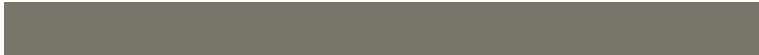
707681



817275

# Rectangle

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



7A756A



6F786E



707681

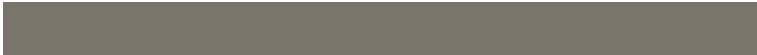


7B737D



# Sweetspot

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



7A756A



9E9C98



7A6A6F



4F4E4B



CFCFCF



4F4F4F



# Same Dimension

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



7A756A



9E9685



777A6A



3D3B37



7D5600



FCAE00



# Inverse Universe

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



6A6F7A



858D9E



6D6A7A



37393D



00277D

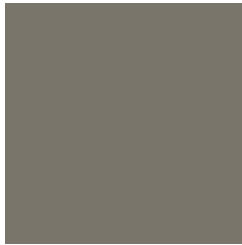


004FFC



# Previews

## White Background



This preview shows how the Hex color 7A756A looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

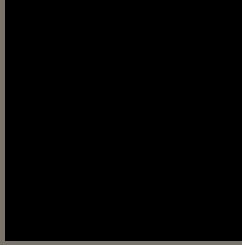
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

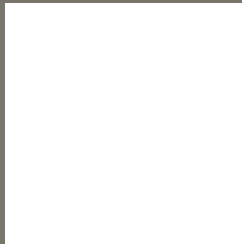
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A756A Background



This preview shows how black text looks on a background with the Hex color 7A756A.



This preview shows how white text looks on a background with the Hex color 7A756A.

# 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**

7A756A

**Protanopia**

7A756A

**Deuteranopia**

85716B



**Tritanopia**  
7C727B

# Trichromacy



**Original Color**  
7A756A

**Protanomaly**  
7A756A

**Deuteranomaly**  
81726B

**Tritanomaly**  
7B7375

# Monochromacy



**Original Color**  
7A756A

**Achromatopsia**  
757575

**Achromatomaly**  
777571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A756A 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 #7A756A looks like.

```
.text, #text, p{  
    color:#7A756A  
}
```

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 #7A756A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A756A
}
```

## Border

The CSS property to change the border of an element to Hex 7A756A is called "border". The border property can be set on classes, ids or directly on the HTML element.

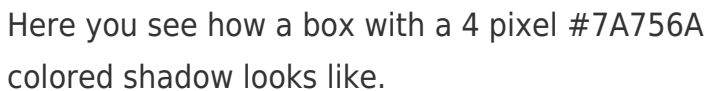
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A756A }
```

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

```
.border{ border-color:#7A756A }
```

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



Here you see how a box with a 4 pixel #7A756A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A756A; -webkit-box-shadow:4px 4px  
4px 4px #7A756A; box-shadow:4px 4px 4px  
4px #7A756A }
```

# Background

The CSS property to change the background color of an element to Hex 7A756A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A756A }
```

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

```
.background{ background-color:#7A756A }
```

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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