

# Converting Colors

Hex(7A7561)

Have a look what the booklet for  
Hex(7A7561) contains.

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# Color

**Hex(7A7561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7561
RGB	122, 117, 97
RGB Percent	48%, 46%, 38%
CMY	0.5216, 0.5412, 0.6196
CMYK	0.00, 0.04, 0.20, 0.52
HSL	48°, 11%, 43%
HSV	48°, 20%, 48%
XYZ	16.5450, 17.7232, 13.8582
YIQ	116.2150, 9.4000, -5.1600

# Conversions

## Conversions Part 2

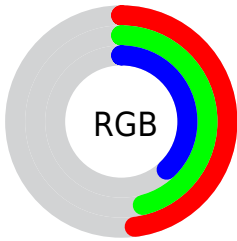
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 122, 97
Decimal	8025441
CIE Lab	49.16, -1.68, 11.74
CIE LCh	49, 11.859, 98.142
Yxy	17.7232, 0.3438, 0.3683
Android (android.graphics.Color)	4286215521 (0xFF7A7561)
YUV	116.2150, -9.4730, 5.0734
Hunter-Lab	42.0990, -3.5222, 9.9521

# Details

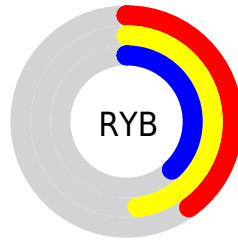
The Hex color **7A7561** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **61667A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AFA994**, and **494533** is the 20% darker color. If you saturate the color by 10%, you get **7A7355**, and if you desaturate by 10%, it is **7A776D**.

# Distribution



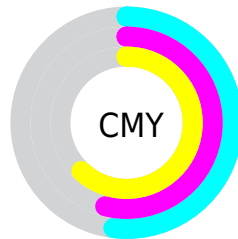
- Red (48%)
- Green (46%)
- Blue (38%)



- Red (40%)
- Yellow (48%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7561 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 7A7561 by changing the saturation by 10% instead.





7A7561



7A7561

FFFFFF



615C49



AFA994



494533



CAC4AE



322F1D



E6E0CA



1E1A05



FFFDE6



000000



7A7561



7A7561



7A7355



7A776D



7A7049



7A7A79



7A6E3C



7A7C86

 7A6B30

 7A7F92

 7A6924

 7A819E

 7A6618

 7A84AA

 7A640C

 7A86B6

 7A6200

 7A89C3

 7A8BCF

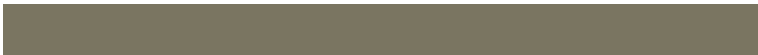
# Harmonies

## Analogous

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



847262



7A7561



6F7865

# Triad

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



7A7561



5B7A81



846F7D

# Complementary

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



7A7561



61667A

# 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.



7A7185



7A7561



617887

# Square

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



7A7561



5C7B77



6D7589



8A6E72

# Rectangle

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



7A7561



677A6A



6D7589



816F80



# Sweetspot

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



7A7561



9E9C95



7A6166



4F4E4A



CFCFCF



4F4F4F



# Same Dimension

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



7A7561



9E9677



737A61



3D3C37



7D6400



FCCA00



# Inverse Universe

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



61667A



777E9E



69617A



37383D



00197D



0032FC



# Previews

## White Background



This preview shows how the Hex color 7A7561 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

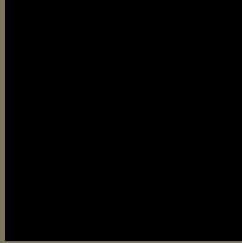
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

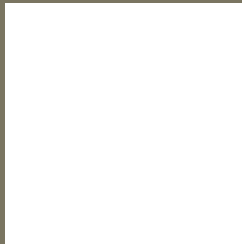
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7561 Background



This preview shows how black text looks on a background with the Hex color 7A7561.



This preview shows how white text looks on a background with the Hex color 7A7561.

# 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**  
7A7561

**Protanopia**  
7B7561

**Deuteranopia**  
877062



**Tritanopia**  
7D717A

# Trichromacy



**Original Color**  
7A7561

**Protanomaly**  
7B7561

**Deuteranomaly**  
827262

**Tritanomaly**  
7C7271

# Monochromacy



**Original Color**  
7A7561

**Achromatopsia**  
747474

**Achromatomaly**  
76746D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7561 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 #7A7561 looks like.

```
.text, #text, p{  
    color:#7A7561  
}
```

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 #7A7561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7561
}
```

## Border

The CSS property to change the border of an element to Hex 7A7561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

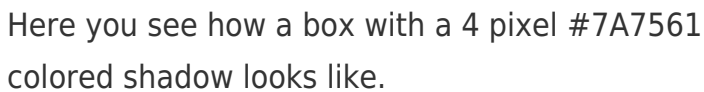
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7561 }
```

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

```
.border{ border-color:#7A7561 }
```

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



Here you see how a box with a 4 pixel #7A7561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7561; -webkit-box-shadow:4px 4px  
4px 4px #7A7561; box-shadow:4px 4px 4px  
4px #7A7561 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7561 }
```

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

```
.background{ background-color:#7A7561 }
```

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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