

# Converting Colors

Hex(7B7461)

Have a look what the booklet for  
Hex(7B7461) contains.

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# Color

**Hex(7B7461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7461
RGB	123, 116, 97
RGB Percent	48%, 45%, 38%
CMY	0.5176, 0.5451, 0.6196
CMYK	0.00, 0.06, 0.21, 0.52
HSL	44°, 12%, 43%
HSV	44°, 21%, 48%
XYZ	16.5714, 17.5648, 13.8262
YIQ	115.9270, 10.2710, -4.4250

# Conversions

## Conversions Part 2

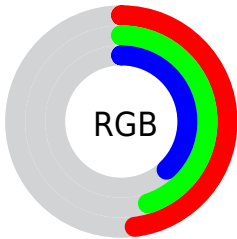
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 123, 97
Decimal	8090721
CIELab	48.96, -0.69, 11.48
CIElCh	49, 11.502, 93.447
Yxy	17.5648, 0.3455, 0.3662
Android (android.graphics.Color)	4286280801 (0xFF7B7461)
YUV	115.9270, -9.3310, 6.2030
Hunter-Lab	41.9104, -2.7640, 9.7776

# Details

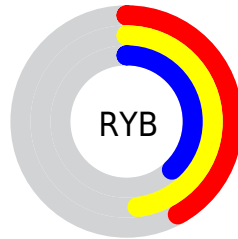
The Hex color **7B7461** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **61687B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B0A894**, and **4A4433** is the 20% darker color. If you saturate the color by 10%, you get **7B7155**, and if you desaturate by 10%, it is **7B776D**.

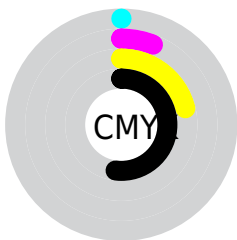
# Distribution



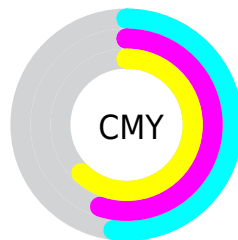
- Red (48%)
- Green (45%)
- Blue (38%)



- Red (42%)
- Yellow (48%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7461 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 7B7461 by changing the saturation by 10% instead.





7B7461



7B7461

FFFFFF



625B49



B0A894



4A4433



CBC3AE



332E1D



E7DFCA



1F1905



FFFCE6



000000



7B7461



7B7461



7B7155



7B776D



7B6D48



7B7B7A



7B6A3C



7B7E86

 7B6730

 7B8192

 7B6323

 7B859F

 7B6017

 7B88AB

 7B5D0B

 7B8BB7

 7B5A00

 7B8EC3

 7B92D0

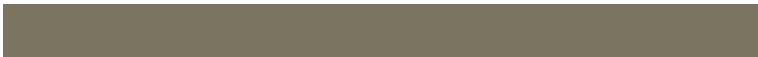
# Harmonies

## Analogous

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



847163



7B7461



707764

# Triad

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



7B7461



5B7A7F



826F7D

# Complementary

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



7B7461



61687B

# 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.



787185



7B7461



607885

# Square

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



7B7461



5D7A75



6B7588



886E74

# Rectangle

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



7B7461



697969



6B7588



7F7080



# Sweetspot

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



7B7461



A19E97



7B6168



52504C



D1D1D1



525252



# Same Dimension

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



7B7461



A19678



757B61



3D3C37



7D5B00



FCB800



# Inverse Universe

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



61687B



7883A1



67617B



37393D



00227D



0044FC



# Previews

## White Background



This preview shows how the Hex color 7B7461 looks on a white background.

## Color Contrast Check

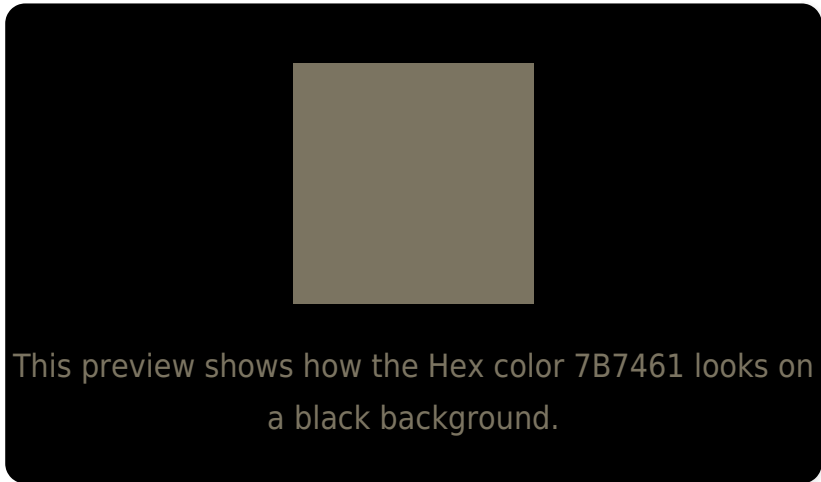
Large Text (above 18pt) WCAG AA ✓ Pass

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

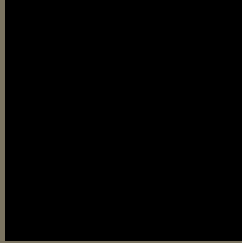
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

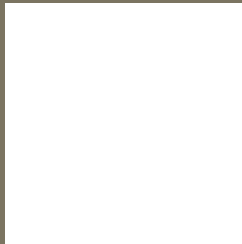
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7461 Background



This preview shows how black text looks on a background with the Hex color 7B7461.



This preview shows how white text looks on a background with the Hex color 7B7461.

# 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**

7B7461

**Protanopia**

7B7461

**Deuteranopia**

867062



**Tritanopia**  
7E7179

# Trichromacy



**Original Color**  
7B7461

**Protanomaly**  
7B7461

**Deuteranomaly**  
827162

**Tritanomaly**  
7D7270

# Monochromacy



**Original Color**  
7B7461

**Achromatopsia**  
747474

**Achromatomaly**  
77746D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7461 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 #7B7461 looks like.

```
.text, #text, p{  
    color:#7B7461  
}
```

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 #7B7461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7461
}
```

## Border

The CSS property to change the border of an element to Hex 7B7461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

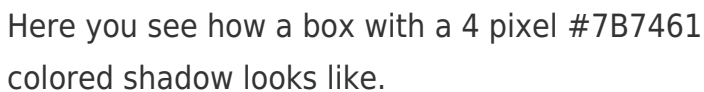
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7461 }
```

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

```
.border{ border-color:#7B7461 }
```

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



Here you see how a box with a 4 pixel #7B7461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7461; -webkit-box-shadow:4px 4px  
4px 4px #7B7461; box-shadow:4px 4px 4px  
4px #7B7461 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7461 }
```

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

```
.background{ background-color:#7B7461 }
```

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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