

# Converting Colors

Hex(7A7D62)

Have a look what the booklet for  
Hex(7A7D62) contains.

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# Color

Hex(7A7D62)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7D62
RGB	122, 125, 98
RGB Percent	48%, 49%, 38%
CMY	0.5216, 0.5098, 0.6157
CMYK	0.02, 0.00, 0.22, 0.51
HSL	67°, 12%, 44%
HSV	67°, 22%, 49%
XYZ	17.5643, 19.6866, 14.4294
YIQ	121.0250, 6.8790, -9.0330

# Conversions

## Conversions Part 2

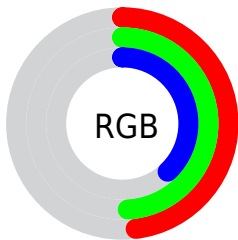
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 125, 101
Decimal	8027490
CIE Lab	51.48, -6.07, 14.38
CIE LCh	51, 15.609, 112.888
Yxy	19.6866, 0.3399, 0.3809
Android (android.graphics.Color)	4286217570 (0xFF7A7D62)
YUV	121.0250, -11.3513, 0.8551
Hunter-Lab	44.3696, -6.9855, 11.7771

# Details

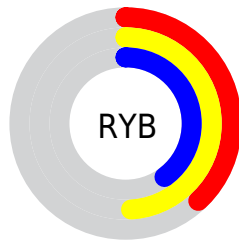
The Hex color **7A7D62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **65627D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFB295**, and **494C33** is the 20% darker color. If you saturate the color by 10%, you get **797D56**, and if you desaturate by 10%, it is **7B7D6F**.

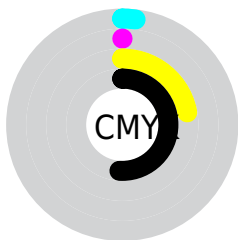
# Distribution



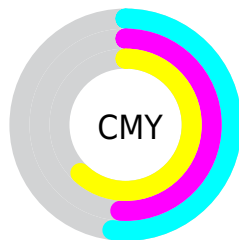
- Red (48%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (49%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7D62 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 7A7D62 by changing the saturation by 10% instead.



 7A7D62

 7A7D62

FFFFFF

 61644A


 AFB295

 494C33

 CACDAF

 32361E

 E6E9CB

 1E2006

 FFFFE7

 000A00

 000000

 7A7D62

 7A7D62

 797D56

 7B7D6F

 777D49

 7D7D7B

 767D3D

 7E7D88

 747D30

 807D94

 737D24

 817DA1

 727D17

 827DAD

 707D0B

 847DBA

 6F7D00

 857DC6

 867DD3

# Harmonies

## Analogous

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



887960



7A7D62



6B806A

# Triad

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



7A7D62



5A808F



93727E

# Complementary

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



7A7D62



65627D

# 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.



89748B



7A7D62



677D95

# Square

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



7A7D62



568285



797893



967271

# Rectangle

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



7A7D62



618272



797893



917283



# Sweetspot

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



7A7D62



A2A399



7D6562



51524C



D1D1D1



525252



# Same Dimension

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



7A7D62



9EA379



6D7D62



3F4039



718000



000000



# Inverse Universe

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



65627D



7D79A3



72627D



3A3940



0E0080



000000



# Previews

## White Background



This preview shows how the Hex color 7A7D62 looks on a white background.

## Color Contrast Check

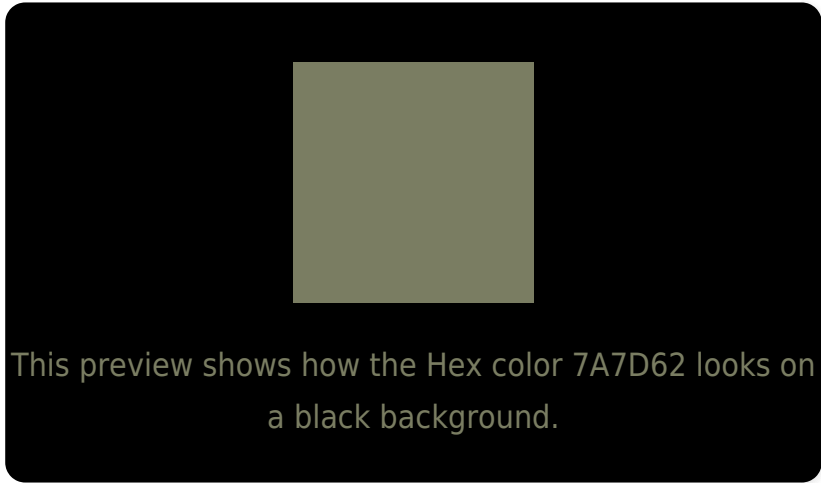
Large Text (above 18pt) WCAG AA ✓ Pass

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

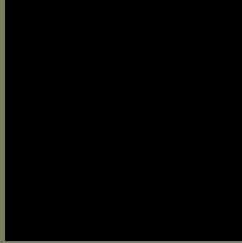
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

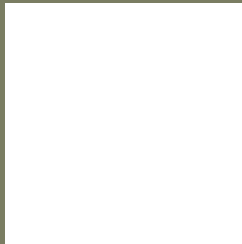
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7D62 Background



This preview shows how black text looks on a background with the Hex color 7A7D62.



This preview shows how white text looks on a background with the Hex color 7A7D62.

# 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**  
7A7D62

**Protanopia**  
827A61

**Deuteranopia**  
8E7663



**Tritanopia**  
7E7982

# Trichromacy



**Original Color**  
7A7D62

**Protanomaly**  
7F7B61

**Deuteranomaly**  
877963

**Tritanomaly**  
7D7A76

# Monochromacy



**Original Color**  
7A7D62

**Achromatopsia**  
797979

**Achromatomaly**  
797A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7D62 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 #7A7D62 looks like.

```
.text, #text, p{  
    color:#7A7D62  
}
```

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 #7A7D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7D62
}
```

## Border

The CSS property to change the border of an element to Hex 7A7D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

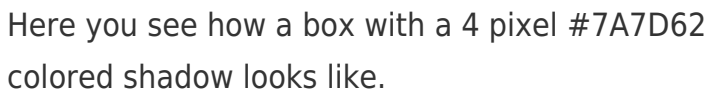
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7D62 }
```

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

```
.border{ border-color:#7A7D62 }
```

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



Here you see how a box with a 4 pixel #7A7D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7D62; -webkit-box-shadow:4px 4px  
4px 4px #7A7D62; box-shadow:4px 4px 4px  
4px #7A7D62 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7D62 }
```

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

```
.background{ background-color:#7A7D62 }
```

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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