

# Converting Colors

Hex(7A7A54)

Have a look what the booklet for  
Hex(7A7A54) contains.

<b>Hex(7A7A54)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7A7A54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7A54
RGB	122, 122, 84
RGB Percent	48%, 48%, 33%
CMY	0.5216, 0.5216, 0.6706
CMYK	0.00, 0.00, 0.31, 0.52
HSL	60°, 18%, 40%
HSV	60°, 31%, 48%
XYZ	16.5858, 18.6967, 11.1222
YIQ	117.6680, 12.1980, -11.8180

# Conversions

## Conversions Part 2

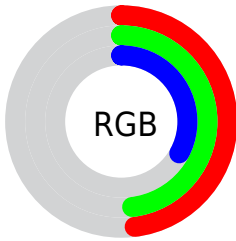
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 122, 84
Decimal	8026708
CIELab	50.33, -6.50, 20.87
CIELCh	50, 21.860, 107.301
Yxy	18.6967, 0.3574, 0.4029
Android (android.graphics.Color)	4286216788 (0xFF7A7A54)
YUV	117.6680, -16.5983, 3.7992
Hunter-Lab	43.2397, -7.2008, 15.0172

# Details

The Hex color **7A7A54** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54547A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AFAE86**, and **494926** is the 20% darker color. If you saturate the color by 10%, you get **7A7A48**, and if you desaturate by 10%, it is **7A7A60**.

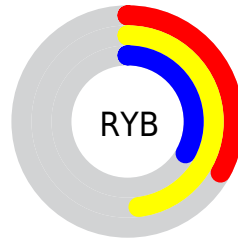
# Distribution



Red (48%)

Green (48%)

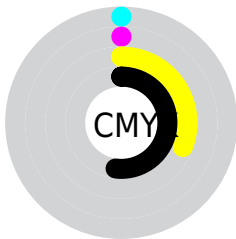
Blue (33%)



Red (33%)

Yellow (48%)

Blue (33%)

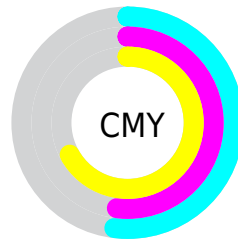


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7A54 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 7A7A54 by changing the saturation by 10% instead.





7A7A54



7A7A54

FFFFFF



61613D



AFAE86



494926



CBCAA0



313311



E7E6BB



1D1E00



FFFFD7



000200



FFFFF4



000000



7A7A54



7A7A54



7A7A48



7A7A60



7A7A3C



7A7A6C

 7A7A2F

 7A7A79

 7A7A23

 7A7A85

 7A7A17

 7A7A91

 7A7A0B

 7A7A9D

 7A7A00

 7A7AA9

 7A7AB6

 7A7AC2

# Harmonies

## Analogous

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



8C7454



7A7A54



657F5E

# Triad

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



7A7A54



418092



986B80

# Complementary

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



7A7A54



54547A

# 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.



886F91



7A7A54



557C9C

# Square

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



7A7A54



408282



70769B



9D6A6E

# Rectangle

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



7A7A54



578169



70769B



936C87



# Sweetspot

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



7A7A54



9E9E90



7A5454



4F4F46



CFCFCF



4F4F4F



# Same Dimension

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



7A7A54



9E9E64



677A54



3D3D37



7D7D00



FCFC00



# Inverse Universe

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



54547A



64649E



67547A



37373D



00007D



0000FC



# Previews

## White Background



This preview shows how the Hex color 7A7A54 looks on a white background.

## Color Contrast Check

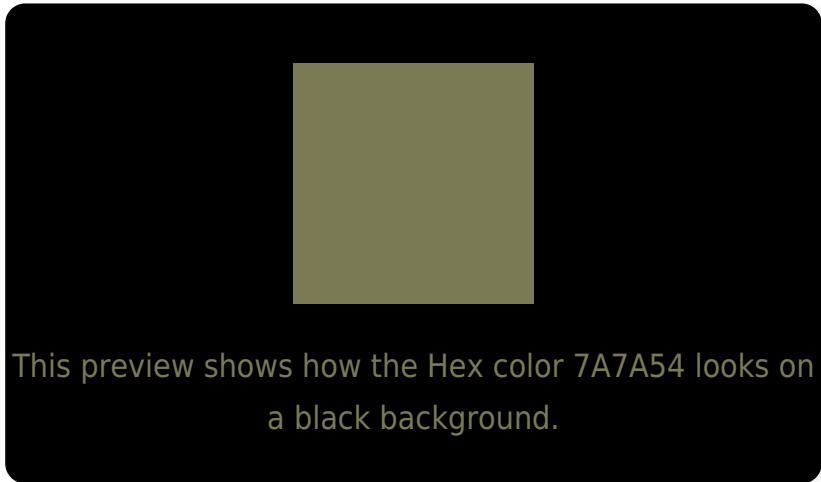
Large Text (above 18pt) WCAG AA ✓ Pass

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

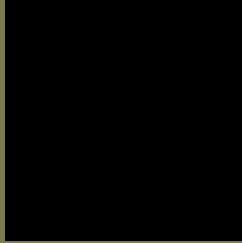
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A7A54 Background



This preview shows how black text looks on a background with the Hex color 7A7A54.



This preview shows how white text looks on a background with the Hex color 7A7A54.

# 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**  
7A7A54

**Protanopia**  
817853

**Deuteranopia**  
8E7356



**Tritanopia**  
7F757E

# Trichromacy



**Original Color**

7A7A54

**Protanomaly**

7E7953

**Deuteranomaly**

877655

**Tritanomaly**

7D776F

# Monochromacy



**Original Color**

7A7A54

**Achromatopsia**

767676

**Achromatomaly**

77776A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7A54 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 #7A7A54 looks like.

```
.text, #text, p{  
    color:#7A7A54  
}
```

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 #7A7A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A54
}
```

## Border

The CSS property to change the border of an element to Hex 7A7A54 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
#7A7A54 }
```

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

```
.border{ border-color:#7A7A54 }
```

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

Here you see how a box with a 4 pixel #7A7A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A54; -webkit-box-shadow:4px 4px  
4px 4px #7A7A54; box-shadow:4px 4px 4px  
4px #7A7A54 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A54 }
```

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

```
.background{ background-color:#7A7A54 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor