

# Converting Colors

Hex(7C7947)

Have a look what the booklet for  
Hex(7C7947) contains.

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**Color**

**Hex(7C7947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7947
RGB	124, 121, 71
RGB Percent	49%, 47%, 28%
CMY	0.5137, 0.5255, 0.7216
CMYK	0.00, 0.02, 0.43, 0.51
HSL	57°, 27%, 38%
HSV	57°, 43%, 49%
XYZ	16.2869, 18.4148, 8.6572
YIQ	116.1970, 17.8380, -14.9140

# Conversions

## Conversions Part 2

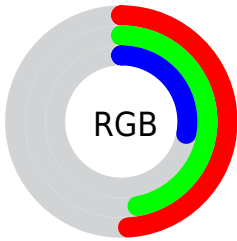
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 124, 71
Decimal	8157511
CIELab	50.00, -6.75, 27.78
CIElCh	50, 28.591, 103.646
Yxy	18.4148, 0.3756, 0.4247
Android (android.graphics.Color)	4286347591 (0xFF7C7947)
YUV	116.1970, -22.2821, 6.8432
Hunter-Lab	42.9124, -7.3493, 18.0774

# Details

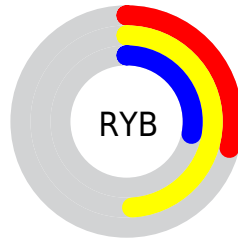
The Hex color **7C7947** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474A7C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B2AD78**, and **4A4919** is the 20% darker color. If you saturate the color by 10%, you get **7C783B**, and if you desaturate by 10%, it is **7C7A53**.

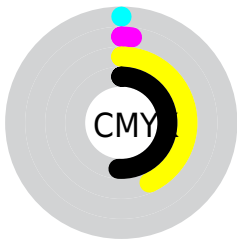
# Distribution



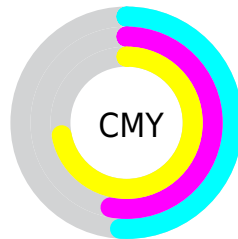
- Red (49%)
- Green (47%)
- Blue (28%)



- Red (29%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7947 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 7C7947 by changing the saturation by 10% instead.





7C7947



7C7947

FFFFFF



626030



B2AD78



4A4919



CDC992



323201



EAE5AD



1C1D00



FFFFC9



000000



FFFFE5



7C7947



7C7947



7C783B



7C7A53



7C782E



7C7A60

 7C7722

 7C7B6C

 7C7615

 7C7C79

 7C7509

 7C7D85

 7C7500

 7C7D91

 7C7E9E

 7C7FAA

 7C7FB7

# Harmonies

## Analogous

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



937148



7C7947



617F53

# Triad

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



7C7947



158298



9E6685

# Complementary

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



7C7947



474A7C

# 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.



886D9A



7C7947



3D7DA5

# Square

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



7C7947



208482



6675A6



A6646D

# Rectangle

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



7C7947



4D8261



6675A6



98688D



# Sweetspot

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



7C7947



A19F8C



7C474B



525145



D1D1D1



525252



# Same Dimension

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



7C7947



A19C4F



657C47



3D3D37



7D7600



FC EE00



# Inverse Universe

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



474A7C



4F53A1



5E477C



37373D



00077D



000EFC



# Previews

## White Background



This preview shows how the Hex color 7C7947 looks on a white background.

## Color Contrast Check

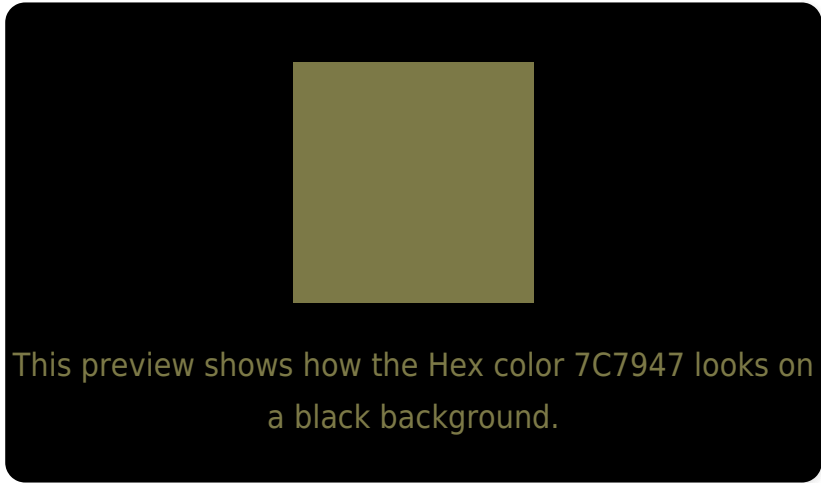
Large Text (above 18pt) WCAG AA ✓ Pass

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

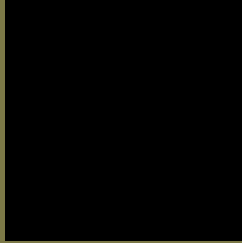
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7947 Background



This preview shows how black text looks on a background with the Hex color 7C7947.



This preview shows how white text looks on a background with the Hex color 7C7947.

# 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**

7C7947

**Protanopia**

827746

**Deuteranopia**

907249



**Tritanopia**  
82737C

# Trichromacy



**Original Color**  
7C7947

**Protanomaly**  
807846

**Deuteranomaly**  
897548

**Tritanomaly**  
807569

# Monochromacy



**Original Color**  
7C7947

**Achromatopsia**  
747474

**Achromatomaly**  
777664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7947 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 #7C7947 looks like.

```
.text, #text, p{  
    color:#7C7947  
}
```

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 #7C7947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7947
}
```

## Border

The CSS property to change the border of an element to Hex 7C7947 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
#7C7947 }
```

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

```
.border{ border-color:#7C7947 }
```

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

Here you see how a box with a 4 pixel #7C7947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7947; -webkit-box-shadow:4px 4px  
4px 4px #7C7947; box-shadow:4px 4px 4px  
4px #7C7947 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7947 }
```

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

```
.background{ background-color:#7C7947 }
```

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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