

# Converting Colors

Hex(7C7B46)

Have a look what the booklet for  
Hex(7C7B46) contains.

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**Color**

**Hex(7C7B46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7B46
RGB	124, 123, 70
RGB Percent	49%, 48%, 27%
CMY	0.5137, 0.5176, 0.7255
CMYK	0.00, 0.01, 0.44, 0.51
HSL	59°, 28%, 38%
HSV	59°, 44%, 49%
XYZ	16.5006, 18.8932, 8.5714
YIQ	117.2570, 17.6090, -16.2710

# Conversions

## Conversions Part 2

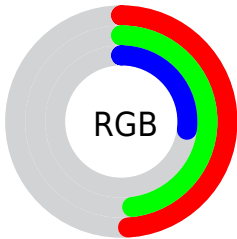
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 124, 70
Decimal	8158022
CIELab	50.56, -7.98, 29.05
CIElCh	51, 30.122, 105.359
Yxy	18.8932, 0.3753, 0.4297
Android (android.graphics.Color)	4286348102 (0xFF7C7B46)
YUV	117.2570, -23.2977, 5.9136
Hunter-Lab	43.4663, -8.3041, 18.7346

# Details

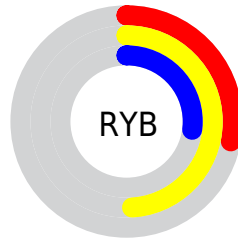
The Hex color **7C7B46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46477C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B2AF77**, and **4A4A18** is the 20% darker color. If you saturate the color by 10%, you get **7C7B3A**, and if you desaturate by 10%, it is **7C7B52**.

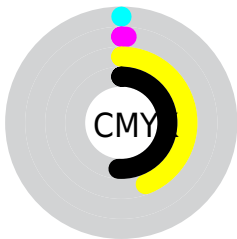
# Distribution



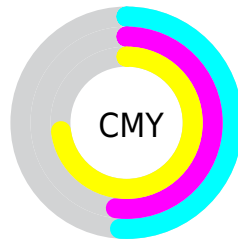
- Red (49%)
- Green (48%)
- Blue (27%)



- Red (28%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7B46 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 7C7B46 by changing the saturation by 10% instead.





7C7B46



7C7B46

FFFFFF



62622F



B2AF77



4A4A18



CDCB91



323400



EAE7AC



1C1F00



FFFFC8



000400



FFFFE4



000000



7C7B46



7C7B46



7C7B3A



7C7B52



7C7B2D



7C7B5F

 7C7A21

 7C7C6B

 7C7A14

 7C7C78

 7C7A08

 7C7C84

 7C7A00

 7C7C90

 7C7D9D

 7C7DA9

 7C7DB6

# Harmonies

## Analogous

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



947247



7C7B46



5F8153

# Triad

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



7C7B46



02849C



A26686

# Complementary

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



7C7B46



46477C

# 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.



8C6D9D



7C7B46



3B7FAA

# Square

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



7C7B46



138685



6876AA



AA656C

# Rectangle

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



7C7B46



4A8462



6876AA



9C688E



# Sweetspot

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



7C7B46



A1A08C



7C4648



525145



D1D1D1



525252



# Same Dimension

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



7C7B46



A19F4D



637C46



3D3D37



7D7B00



FCF800



# Inverse Universe

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



46477C



4D4FA1



5F467C



37373D



00027D



0005FC



# Previews

## White Background



This preview shows how the Hex color 7C7B46 looks on a white background.

## Color Contrast Check

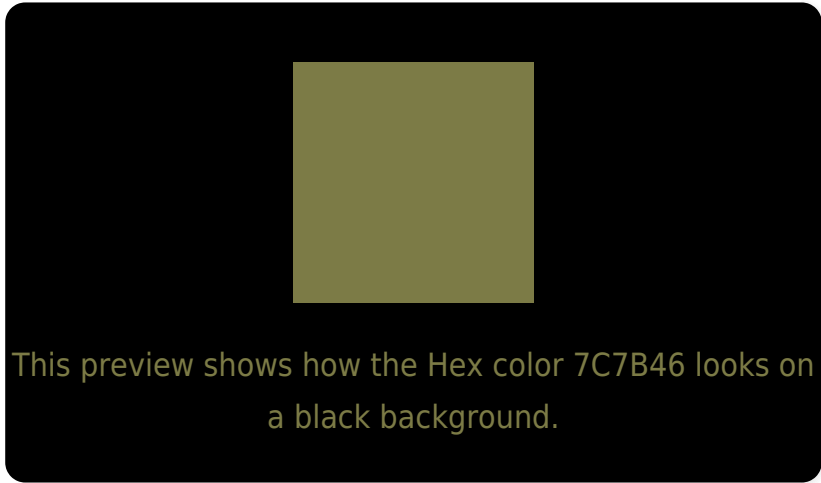
Large Text (above 18pt) WCAG AA ✓ Pass

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

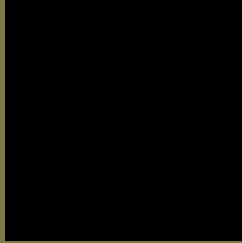
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7B46 Background



This preview shows how black text looks on a background with the Hex color 7C7B46.



This preview shows how white text looks on a background with the Hex color 7C7B46.

# 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**

7C7B46

**Protanopia**

847845

**Deuteranopia**

927348



**Tritanopia**  
82757E

# Trichromacy



**Original Color**  
7C7B46

**Protanomaly**  
817945

**Deuteranomaly**  
8A7647

**Tritanomaly**  
80776A

# Monochromacy



**Original Color**  
7C7B46

**Achromatopsia**  
757575

**Achromatomaly**  
787764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7B46 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 #7C7B46 looks like.

```
.text, #text, p{  
    color:#7C7B46  
}
```

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 #7C7B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7B46  
}
```

## Border

The CSS property to change the border of an element to Hex 7C7B46 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  
#7C7B46 }
```

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

```
.border{ border-color:#7C7B46 }
```

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

Here you see how a box with a 4 pixel #7C7B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7B46; -webkit-box-shadow:4px 4px  
4px 4px #7C7B46; box-shadow:4px 4px 4px  
4px #7C7B46 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7B46 }
```

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

```
.background{ background-color:#7C7B46 }
```

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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