

# Converting Colors

Hex(747B4B)

Have a look what the booklet for  
Hex(747B4B) contains.

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**Color**

**Hex(747B4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747B4B
RGB	116, 123, 75
RGB Percent	45%, 48%, 29%
CMY	0.5451, 0.5176, 0.7059
CMYK	0.06, 0.00, 0.39, 0.52
HSL	69°, 24%, 39%
HSV	69°, 39%, 48%
XYZ	15.5554, 18.3869, 9.3858
YIQ	115.4350, 11.2360, -16.4120

# Conversions

## Conversions Part 2

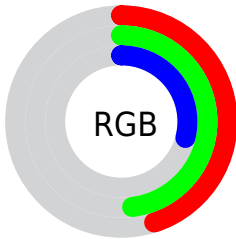
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 123, 82
Decimal	7633739
CIELab	49.96, -10.82, 25.38
CIElCh	50, 27.591, 113.096
Yxy	18.3869, 0.3590, 0.4244
Android (android.graphics.Color)	4285823819 (0xFF747B4B)
YUV	115.4350, -19.9345, 0.4955
Hunter-Lab	42.8800, -10.2861, 17.0383

# Details

The Hex color **747B4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **524B7B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A9AF7C**, and **434A1D** is the 20% darker color. If you saturate the color by 10%, you get **727B3F**, and if you desaturate by 10%, it is **767B57**.

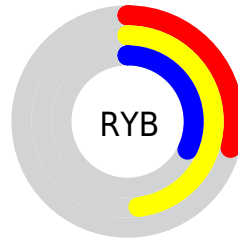
# Distribution



 Red (45%)

 Green (48%)

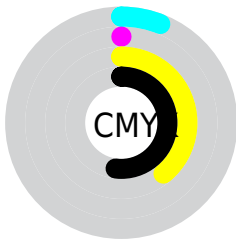
 Blue (29%)



 Red (29%)

 Yellow (48%)

 Blue (32%)

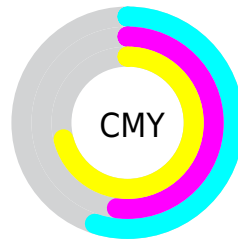



 Cyan (6%)


 Magenta (0%)

 Yellow (39%)

 Black (52%)



 Cyan (55%)

 Magenta (52%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747B4B 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 747B4B by changing the saturation by 10% instead.





747B4B



747B4B

FFFFFF



5B6234



A9AF7C



434A1D



C4CB97



2C3406



E0E7B1



161F00



FDFE99



000000



FFFE99



747B4B



747B4B



727B3F



767B57



707B32



787B64

 6F7B26

 797B70

 6D7B1A

 7B7B7C

 6B7B0D

 7D7B89

 697B01

 7F7B95

 697B00

 817BA1

 827BAD

 847BBA

# Harmonies

## Analogous

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



8B7448



747B4B



59805A

# Triad

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



747B4B



27809C



A1657D

# Complementary

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



747B4B



524B7B

# 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.



8F6A93



747B4B



4D7BA5

# Square

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



747B4B



1F8388



7273A2



A56666

# Rectangle

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



747B4B



458368



7273A2



9C6685



# Sweetspot

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



747B4B



9EA18D



7B514B



505246



D1D1D1



525252



# Same Dimension

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



747B4B



96A155



5D7B4B



3C3D37



6B7D00



D8FC00



# Inverse Universe

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



524B7B



6055A1



694B7B



38373D



12007D



2500FC



# Previews

## White Background



This preview shows how the Hex color 747B4B looks on a white background.

## Color Contrast Check

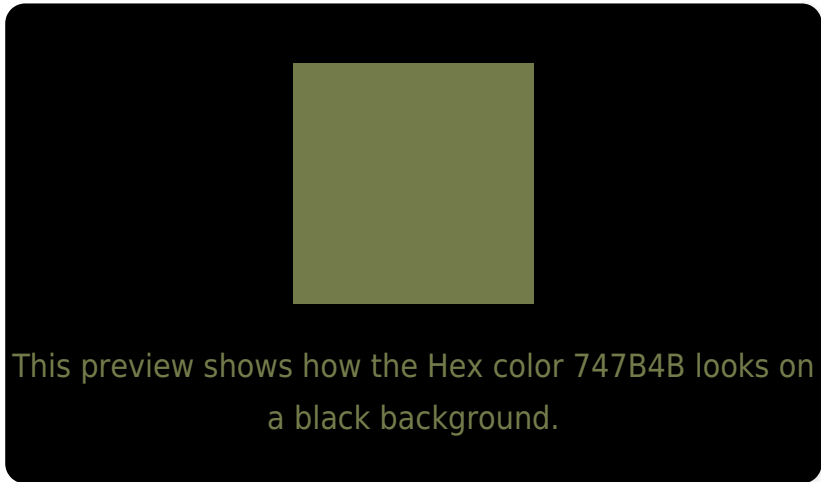
Large Text (above 18pt) WCAG AA ✓ Pass

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

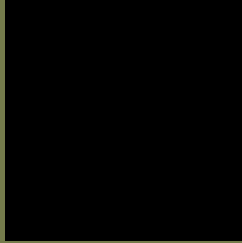
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 747B4B Background



This preview shows how black text looks on a background with the Hex color 747B4B.



This preview shows how white text looks on a background with the Hex color 747B4B.

# 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**  
747B4B

**Protanopia**  
827749

**Deuteranopia**  
8F714D



**Tritanopia**  
7A757E

# Trichromacy



**Original Color**  
747B4B

**Protanomaly**  
7D784A

**Deuteranomaly**  
85754C

**Tritanomaly**  
78776B

# Monochromacy



**Original Color**  
747B4B

**Achromatopsia**  
737373

**Achromatomaly**  
737664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747B4B 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 #747B4B looks like.

```
.text, #text, p{  
    color:#747B4B  
}
```

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 #747B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747B4B
}
```

## Border

The CSS property to change the border of an element to Hex 747B4B 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
#747B4B }
```

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

```
.border{ border-color:#747B4B }
```

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

Here you see how a box with a 4 pixel #747B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747B4B; -webkit-box-shadow:4px 4px  
4px 4px #747B4B; box-shadow:4px 4px 4px  
4px #747B4B }
```

# Background

The CSS property to change the background color of an element to Hex 747B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747B4B }
```

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

```
.background{ background-color:#747B4B }
```

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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