

# Converting Colors

Hex(747C32)

Have a look what the booklet for  
Hex(747C32) contains.

<b>Hex(747C32)</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(747C32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747C32
RGB	116, 124, 50
RGB Percent	45%, 49%, 20%
CMY	0.5451, 0.5137, 0.8039
CMYK	0.06, 0.00, 0.60, 0.51
HSL	66°, 43%, 34%
HSV	66°, 60%, 49%
XYZ	14.9858, 18.3586, 5.7713
YIQ	113.1720, 18.9860, -24.7100

# Conversions

## Conversions Part 2

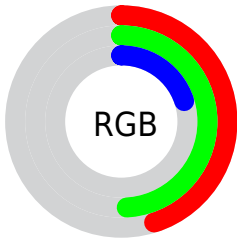
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 124, 58
Decimal	7633970
CIELab	49.93, -14.06, 38.54
CIELCh	50, 41.025, 110.038
Yxy	18.3586, 0.3831, 0.4693
Android (android.graphics.Color)	4285824050 (0xFF747C32)
YUV	113.1720, -31.1438, 2.4802
Hunter-Lab	42.8469, -12.5513, 22.0067

# Details

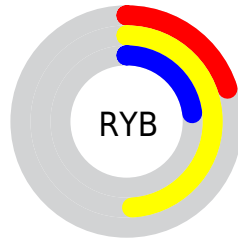
The Hex color **747C32** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3A327C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AAB063**, and **414B00** is the 20% darker color. If you saturate the color by 10%, you get **737C26**, and if you desaturate by 10%, it is **757C3E**.

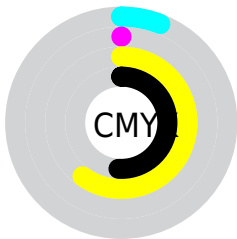
# Distribution



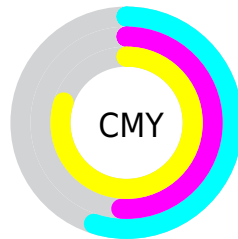
- Red (45%)
- Green (49%)
- Blue (20%)



- Red (20%)
- Yellow (49%)
- Blue (23%)



- Cyan (6%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747C32 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 747C32 by changing the saturation by 10% instead.



 747C32

 747C32

FFFFFF

 5A6319


 AAB063

 414B00

 C6CC7D

 2A3500

 E2E898

 112000

 FFFFB3

 000000

 FFFFCE

 FFFFEB

 747C32

 747C32

 737C26

 757C3E

■ 717C19

■ 777C4B

■ 707C0D

■ 787C57

■ 6F7C00

■ 797C64

■ 7B7C70

■ 7C7C7C

■ 7D7C89

■ 7F7C95

■ 807CA2

# Harmonies

## Analogous

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



957130



747C32



4B8448

# Triad

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



747C32



0085AB



B15A84

# Complementary

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



747C32



3A327C

# 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.



9664A4



747C32



007EBB

# Square

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



747C32



00888E



6672B8



B85A61

# Rectangle

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



747C32



22875E



6672B8



AB5D8F



# Sweetspot

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



747C32



9EA184



7C3932



505240



D1D1D1



525252



# Same Dimension

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



747C32



94A12D



507C32



3D3D37



6F7D00



E1FC00



# Inverse Universe

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



3A327C



392DA1



5E327C



38373D



0E007D



1B00FC



# Previews

## White Background



This preview shows how the Hex color 747C32 looks on a white background.

## Color Contrast Check

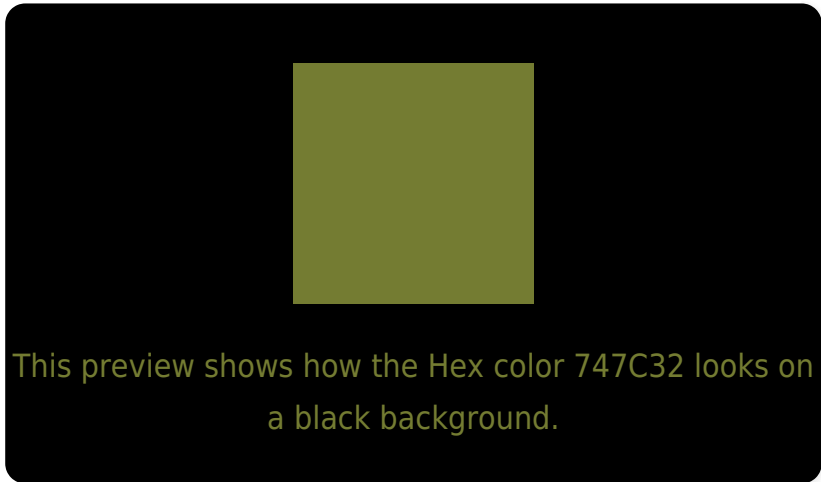
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

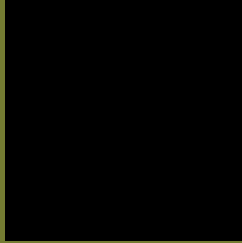
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 747C32 Background



This preview shows how black text looks on a background with the Hex color 747C32.



This preview shows how white text looks on a background with the Hex color 747C32.

# 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**  
747C32

**Protanopia**  
847730

**Deuteranopia**  
937135



**Tritanopia**  
7C747D

# Trichromacy



**Original Color**  
747C32

**Protanomaly**  
7E7931

**Deuteranomaly**  
887534

**Tritanomaly**  
797762

# Monochromacy



**Original Color**  
747C32

**Achromatopsia**  
717171

**Achromatomaly**  
72755A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747C32 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 #747C32 looks like.

```
.text, #text, p{  
    color:#747C32  
}
```

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 #747C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C32
}
```

## Border

The CSS property to change the border of an element to Hex 747C32 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
#747C32 }
```

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

```
.border{ border-color:#747C32 }
```

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

Here you see how a box with a 4 pixel #747C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C32; -webkit-box-shadow:4px 4px  
4px 4px #747C32; box-shadow:4px 4px 4px  
4px #747C32 }
```

# Background

The CSS property to change the background color of an element to Hex 747C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C32 }
```

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

```
.background{ background-color:#747C32 }
```

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