

# Converting Colors

Hex(747441)

Have a look what the booklet for  
Hex(747441) contains.

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**Color**

**Hex(747441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747441
RGB	116, 116, 65
RGB Percent	45%, 45%, 25%
CMY	0.5451, 0.5451, 0.7451
CMYK	0.00, 0.00, 0.44, 0.55
HSL	60°, 28%, 35%
HSV	60°, 44%, 45%
XYZ	14.4020, 16.5854, 7.4433
YIQ	110.1860, 16.3710, -15.8610

# Conversions

## Conversions Part 2

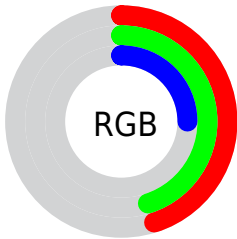
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 116, 65
Decimal	7631937
CIELab	47.73, -8.15, 28.11
CIElCh	48, 29.266, 106.172
Yxy	16.5854, 0.3748, 0.4316
Android (android.graphics.Color)	4285822017 (0xFF747441)
YUV	110.1860, -22.2767, 5.0989
Hunter-Lab	40.7252, -8.1448, 17.6713

# Details

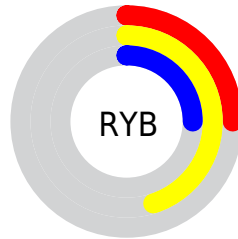
The Hex color **747441** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **414174**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A9A872**, and **424414** is the 20% darker color. If you saturate the color by 10%, you get **747435**, and if you desaturate by 10%, it is **74744D**.

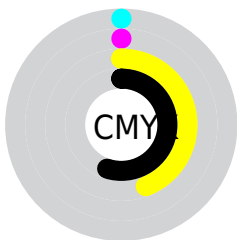
# Distribution



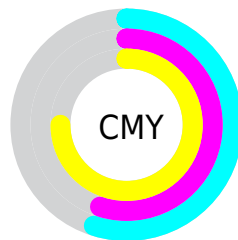
- Red (45%)
- Green (45%)
- Blue (25%)



- Red (25%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747441 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 747441 by changing the saturation by 10% instead.



 747441

 747441

FFFFFF

 5B5B2A

 A9A872

 424414

 C5C38C

 2C2E00

 E1DFA6

 141A00

 FEFCC2

 000000

 FFFFDE

 FFFFFA

 747441

 747441

 747435

 74744D

 74742A

 747458

 74741E

 747464

 747413

 74746F

 747407

 74747B

 747400

 747487

 747492

 74749E

 7474A9

# Harmonies

## Analogous

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



8B6C41



747441



587A4E

# Triad

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



747441



007C94



9A5F7E

# Complementary

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



747441



414174

# 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.



856694



747441



3777A1

# Square

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



747441



0A7E7E



636FA0



A15E65

# Rectangle

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



747441



437D5D



636FA0



946186



# Sweetspot

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



747441



969683



744141



4D4D40



CCCCCC



4D4D4D



# Same Dimension

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



747441



969647



5A7441



3B3B35



7A7A00



FAFA00



# Inverse Universe

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



414174



474796



5A4174



35353B



00007A



0000FA



# Previews

## White Background



This preview shows how the Hex color 747441 looks on a white background.

## Color Contrast Check

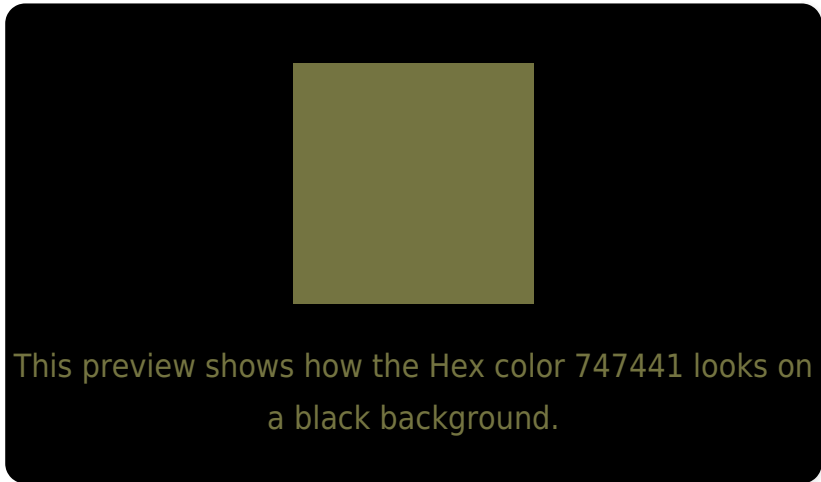
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

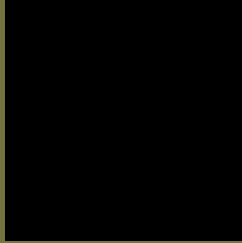
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 747441 Background



This preview shows how black text looks on a background with the Hex color 747441.



This preview shows how white text looks on a background with the Hex color 747441.

# 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**


747441

**Protanopia**

7C7140

**Deuteranopia**

8A6C43



**Tritanopia**  
7A6E76

# Trichromacy



**Original Color**  
747441

**Protanomaly**  
797240

**Deuteranomaly**  
826F42

**Tritanomaly**  
787063

# Monochromacy



**Original Color**  
747441

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
70705E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747441 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 #747441 looks like.

```
.text, #text, p{  
    color:#747441  
}
```

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 #747441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747441
}
```

## Border

The CSS property to change the border of an element to Hex 747441 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
#747441 }
```

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

```
.border{ border-color:#747441 }
```

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

Here you see how a box with a 4 pixel #747441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747441; -webkit-box-shadow:4px 4px  
4px 4px #747441; box-shadow:4px 4px 4px  
4px #747441 }
```

# Background

The CSS property to change the background color of an element to Hex 747441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747441 }
```

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

```
.background{ background-color:#747441 }
```

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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