

# Converting Colors

Hex(67744C)

Have a look what the booklet for  
Hex(67744C) contains.

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**Color**

**Hex(67744C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67744C
RGB	103, 116, 76
RGB Percent	40%, 45%, 30%
CMY	0.5961, 0.5451, 0.7020
CMYK	0.11, 0.00, 0.34, 0.55
HSL	80°, 21%, 38%
HSV	80°, 34%, 45%
XYZ	13.1434, 15.8961, 9.2130
YIQ	107.5530, 5.0920, -15.1960

# Conversions

## Conversions Part 2

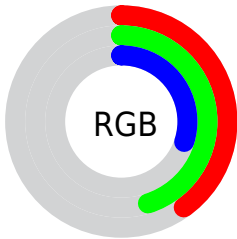
Format	Color
<b>RYB</b>	76, 116, 89
Decimal	6779980
CIELab	46.84, -12.29, 20.54
CIElCh	47, 23.936, 120.905
Yxy	15.8961, 0.3436, 0.4156
Android (android.graphics.Color)	4284970060 (0xFF67744C)
YUV	107.5530, -15.5556, -3.9930
Hunter-Lab	39.8700, -10.9287, 14.2085

# Details

The Hex color **67744C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **594C74**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9BA87D**, and **37441F** is the 20% darker color. If you saturate the color by 10%, you get **637440**, and if you desaturate by 10%, it is **6B7458**.

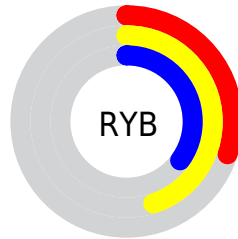
# Distribution



Red (40%)

Green (45%)

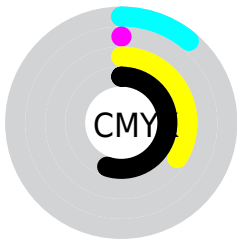
Blue (30%)



Red (30%)

Yellow (45%)

Blue (35%)

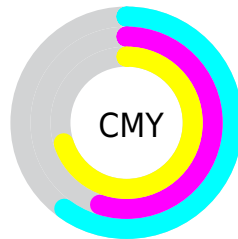


Cyan (11%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67744C 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 67744C by changing the saturation by 10% instead.



67744C

67744C

FFFFFF

4F5B35

9BA87D

37441F

B6C397

212E08

D1DFB2

061A00

EEFCCE

000000

FFFFEA

67744C

67744C

637440

6B7458

5F7435

6F7463

■ 5C7429

■ 72746F

■ 58741E

■ 76747A

■ 547412

■ 7A7486

■ 507406

■ 7E7492

■ 4E7400

■ 81749D

■ 8574A9

■ 8974B4

# Harmonies

## Analogous

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



7C6E47



67744C



4F785B

# Triad

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



67744C



377692



95606F

# Complementary

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



67744C



594C74

# 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.



896383



67744C



557197

# Square

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



67744C



2A7983



726A91



96625B

# Rectangle

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



67744C



3F7A68



726A91



926076



# Sweetspot

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



67744C



929687



74594C



4A4D43



CCCCCC



4D4D4D



# Same Dimension

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



67744C



829659



53744C



393B35



537A00



A9FA00



# Inverse Universe

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



594C74



6D5996



6D4C74



37353B



28007A



5100FA



# Previews

## White Background



This preview shows how the Hex color 67744C looks on a white background.

## Color Contrast Check

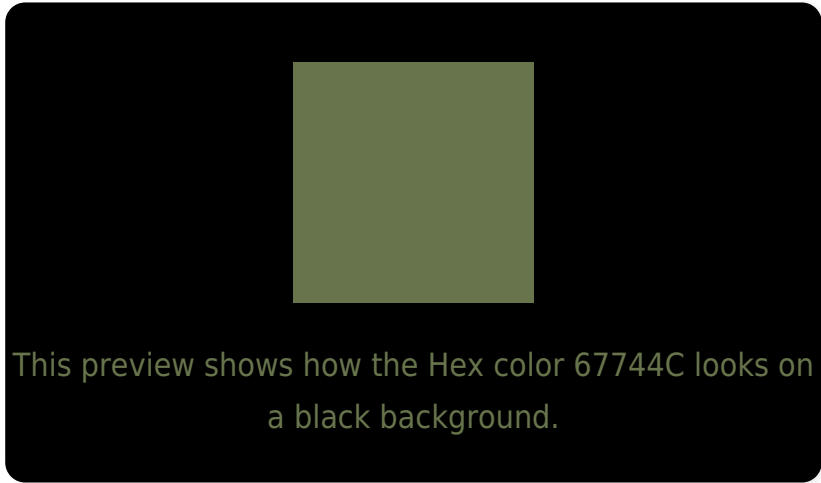
Large Text (above 18pt) WCAG AA ✓ Pass

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

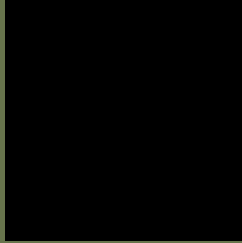
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67744C Background



This preview shows how black text looks on a background with the Hex color 67744C.



This preview shows how white text looks on a background with the Hex color 67744C.

# 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**  
67744C

**Protanopia**  
786F4A

**Deuteranopia**  
846A4E



**Tritanopia**  
6D6F77

# Trichromacy



**Original Color**  
67744C

**Protanomaly**  
72714B

**Deuteranomaly**  
796E4D

**Tritanomaly**  
6B7167

# Monochromacy



**Original Color**  
67744C

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6A6F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67744C 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 #67744C looks like.

```
.text, #text, p{  
    color:#67744C  
}
```

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 #67744C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67744C
}
```

## Border

The CSS property to change the border of an element to Hex 67744C is called "border". The border property can be set on classes, ids or directly on the HTML element.

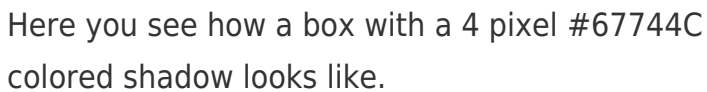
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67744C }
```

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

```
.border{ border-color:#67744C }
```

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



Here you see how a box with a 4 pixel #67744C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67744C; -webkit-box-shadow:4px 4px  
4px 4px #67744C; box-shadow:4px 4px 4px  
4px #67744C }
```

# Background

The CSS property to change the background color of an element to Hex 67744C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67744C }
```

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

```
.background{ background-color:#67744C }
```

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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