

# Converting Colors

Hex(75744B)

Have a look what the booklet for  
Hex(75744B) contains.

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**Color**

**Hex(75744B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75744B
RGB	117, 116, 75
RGB Percent	46%, 45%, 29%
CMY	0.5412, 0.5451, 0.7059
CMYK	0.00, 0.01, 0.36, 0.54
HSL	59°, 22%, 38%
HSV	59°, 36%, 46%
XYZ	14.8515, 16.7807, 9.1128
YIQ	111.6250, 13.7570, -12.5390

# Conversions

## Conversions Part 2

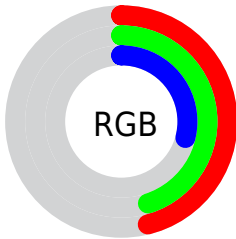
Format	Color
<b>RYB</b>	76, 117, 75
Decimal	7697483
CIELab	47.98, -6.48, 22.83
CIElCh	48, 23.733, 105.845
Yxy	16.7807, 0.3645, 0.4118
Android (android.graphics.Color)	4285887563 (0xFF75744B)
YUV	111.6250, -18.0561, 4.7139
Hunter-Lab	40.9642, -6.9726, 15.4854

# Details

The Hex color **75744B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B4C75**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AAA87C**, and **44441E** is the 20% darker color. If you saturate the color by 10%, you get **75743F**, and if you desaturate by 10%, it is **757457**.

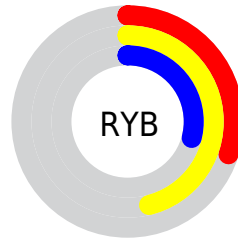
# Distribution



Red (46%)

Green (45%)

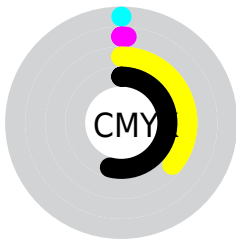
Blue (29%)



Red (30%)

Yellow (46%)

Blue (29%)

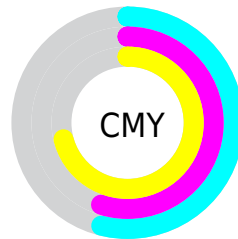


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75744B 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 75744B by changing the saturation by 10% instead.





75744B



75744B

FFFFFF



5C5B34



AAA87C



44441E



C5C396



2D2E07



E1DFB1



171900



FEFCCD



000000



FFFFE9



75744B



75744B



75743F



757457



757334



757562

 757328

 75756E

 75731C

 75757A

 757311

 757585

 757205

 757691

 757200

 75769D

 7576A9

 7577B4

# Harmonies

## Analogous

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



886D4B



75744B



5E7955

# Triad

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



75744B



317B8E



93647C

# Complementary

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



75744B



4B4C75

# 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.



82698E



75744B



497798

# Square

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



75744B



337D7C



677098



9A6368

# Rectangle

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



75744B



4F7B61



677098



8F6583



# Sweetspot

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



75744B



999988



754B4C



4D4C43



CCCCCC



4D4D4D



# Same Dimension

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



75744B



999757



61754B



3B3B35



7A7700



FAF400



# Inverse Universe

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



4B4C75



575999



5F4B75



35353B



00037A



0006FA



# Previews

## White Background



This preview shows how the Hex color 75744B looks on a white background.

## Color Contrast Check

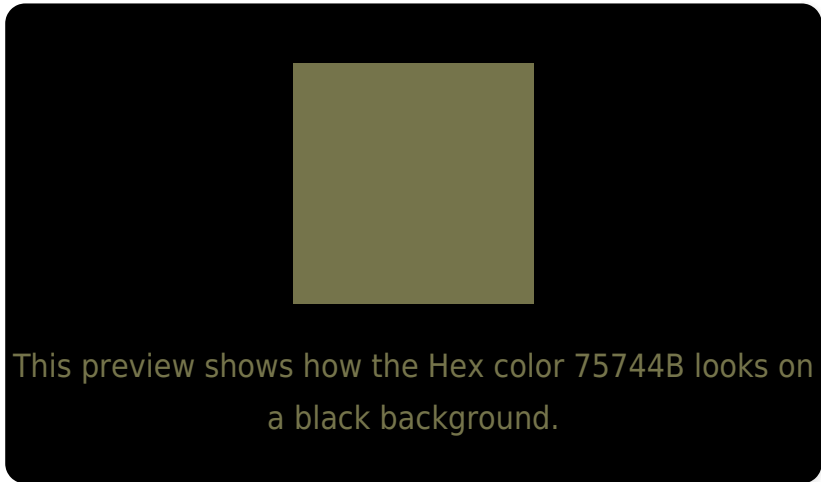
Large Text (above 18pt) WCAG AA ✓ Pass

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

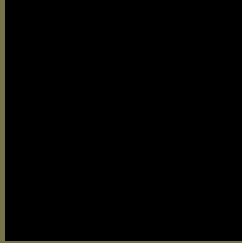
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75744B Background



This preview shows how black text looks on a background with the Hex color 75744B.



This preview shows how white text looks on a background with the Hex color 75744B.

# 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**  
75744B

**Protanopia**  
7C724A

**Deuteranopia**  
886D4D



**Tritanopia**  
7A6F77

# Trichromacy



**Original Color**  
75744B

**Protanomaly**  
79734A

**Deuteranomaly**  
81704C

**Tritanomaly**  
787167

# Monochromacy



**Original Color**  
75744B

**Achromatopsia**  
707070

**Achromatomaly**  
727163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75744B 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 #75744B looks like.

```
.text, #text, p{  
    color:#75744B  
}
```

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 #75744B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75744B
}
```

## Border

The CSS property to change the border of an element to Hex 75744B 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
#75744B }
```

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

```
.border{ border-color:#75744B }
```

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

Here you see how a box with a 4 pixel #75744B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75744B; -webkit-box-shadow:4px 4px  
4px 4px #75744B; box-shadow:4px 4px 4px  
4px #75744B }
```

# Background

The CSS property to change the background color of an element to Hex 75744B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75744B }
```

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

```
.background{ background-color:#75744B }
```

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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