

# Converting Colors

Hex(71734E)

Have a look what the booklet for  
Hex(71734E) contains.

<b>Hex(71734E)</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(71734E)

# Conversions

## Conversions Part 1

Format	Color
Hex	71734E
RGB	113, 115, 78
RGB Percent	44%, 45%, 31%
CMY	0.5569, 0.5490, 0.6941
CMYK	0.02, 0.00, 0.32, 0.55
HSL	63°, 19%, 38%
HSV	63°, 32%, 45%
XYZ	14.3159, 16.3222, 9.6037
YIQ	110.1840, 10.6850, -11.9310

# Conversions

## Conversions Part 2

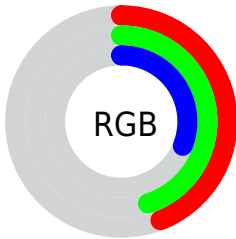
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 115, 80
Decimal	7435086
CIELab	47.39, -7.22, 20.27
CIELCh	47, 21.521, 109.607
Yxy	16.3222, 0.3557, 0.4056
Android (android.graphics.Color)	4285625166 (0xFF71734E)
YUV	110.1840, -15.8667, 2.4696
Hunter-Lab	40.4008, -7.4503, 14.1867

# Details

The Hex color **71734E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504E73**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A5A77F**, and **404321** is the 20% darker color. If you saturate the color by 10%, you get **707343**, and if you desaturate by 10%, it is **72735A**.

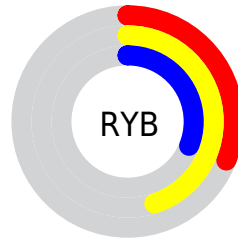
# Distribution



Red (44%)

Green (45%)

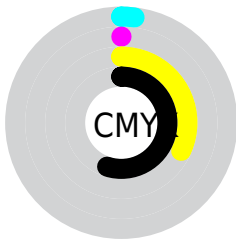
Blue (31%)



Red (31%)

Yellow (45%)

Blue (31%)

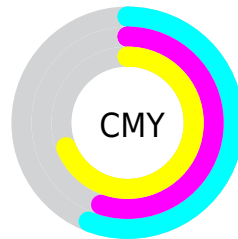


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71734E 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 71734E by changing the saturation by 10% instead.





71734E



71734E

FFFFFF



585A37



A5A77F



404321



C1C29A



2A2D0B



DDDEB4



141900



F9FAD0



000000



FFFFE0



71734E



71734E



707343



72735A



707337



727365

■ 6F732C

■ 737371

■ 6F7320

■ 73737C

■ 6E7315

■ 747388

■ 6D7309

■ 757393

■ 6D7300

■ 75739F

■ 7673AA

■ 7773B6

# Harmonies

## Analogous

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



836D4D



71734E



5C7858

# Triad

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



71734E



3B788B



906477

# Complementary

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



71734E



504E73

# 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.



816888



71734E



507494

# Square

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



71734E



397A7C



6A6E92



956365

# Rectangle

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



71734E



4E7963



6A6E92



8C657D



# Sweetspot

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



71734E



969687



73504E



4C4D43



CCCCCC



4D4D4D



# Same Dimension

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



71734E



93965C



5F734E



3A3B35



747A00



ECFA00



# Inverse Universe

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



504E73



5F5C96



624E73



35353B



07007A



0E00FA



# Previews

## White Background



This preview shows how the Hex color 71734E looks on a white background.

## Color Contrast Check

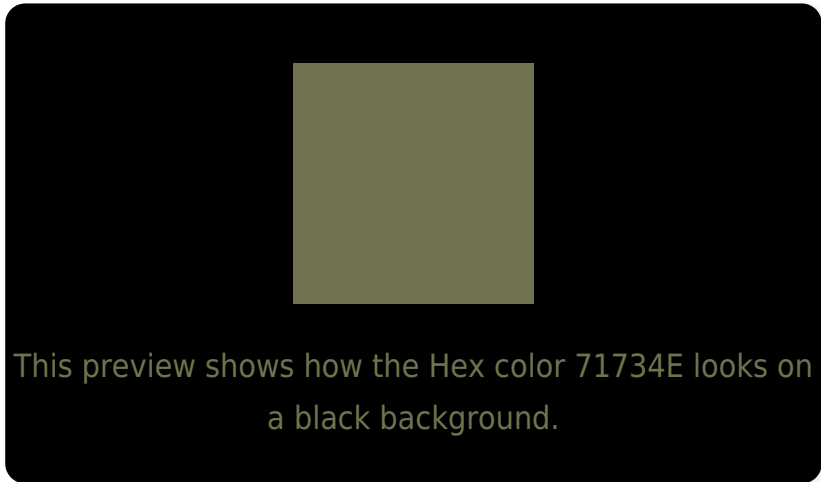
Large Text (above 18pt) WCAG AA ✓ Pass

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

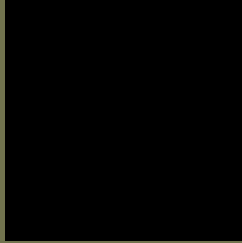
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

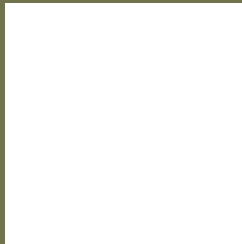
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71734E Background



This preview shows how black text looks on a background with the Hex color 71734E.



This preview shows how white text looks on a background with the Hex color 71734E.

# 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**  
71734E

**Protanopia**  
7A704D

**Deuteranopia**  
866C50



**Tritanopia**  
766E77

# Trichromacy



**Original Color**  
71734E

**Protanomaly**  
77714D

**Deuteranomaly**  
7E6F4F

**Tritanomaly**  
747068

# Monochromacy



**Original Color**  
71734E

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6F7062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71734E 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 #71734E looks like.

```
.text, #text, p{  
    color:#71734E  
}
```

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 #71734E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71734E
}
```

## Border

The CSS property to change the border of an element to Hex 71734E 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
#71734E }
```

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

```
.border{ border-color:#71734E }
```

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

Here you see how a box with a 4 pixel #71734E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71734E; -webkit-box-shadow:4px 4px  
4px 4px #71734E; box-shadow:4px 4px 4px  
4px #71734E }
```

# Background

The CSS property to change the background color of an element to Hex 71734E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71734E }
```

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

```
.background{ background-color:#71734E }
```

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