

# Converting Colors

Hex(71643E)

Have a look what the booklet for  
Hex(71643E) contains.

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**Color**

**Hex(71643E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71643E
RGB	113, 100, 62
RGB Percent	44%, 39%, 24%
CMY	0.5569, 0.6078, 0.7569
CMYK	0.00, 0.12, 0.45, 0.56
HSL	45°, 29%, 34%
HSV	45°, 45%, 44%
XYZ	12.2367, 12.9729, 6.4165
YIQ	99.5550, 19.9460, -9.0620

# Conversions

## Conversions Part 2

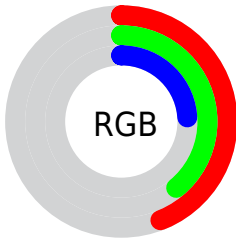
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 113, 62
Decimal	7431230
CIE Lab	42.72, -0.64, 23.42
CIE LCh	43, 23.425, 91.570
Yxy	12.9729, 0.3869, 0.4102
Android (android.graphics.Color)	4285621310 (0xFF71643E)
YUV	99.5550, -18.5146, 11.7913
Hunter-Lab	36.0178, -2.3875, 14.6501

# Details

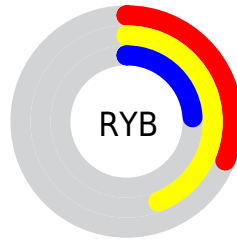
The Hex color **71643E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E4B71**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A6976E**, and **403612** is the 20% darker color. If you saturate the color by 10%, you get **716133**, and if you desaturate by 10%, it is **716749**.

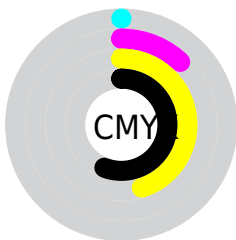
# Distribution



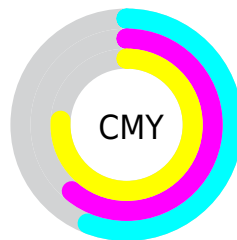
- Red (44%)
- Green (39%)
- Blue (24%)



- Red (31%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (56%)




- Cyan (56%)
- Magenta (61%)
- Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71643E 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 71643E by changing the saturation by 10% instead.



 71643E

 71643E

FFFFFF

 584C28

 A6976E

 403612

 C1B188

 2A2000

 DECDA2


 0D0A00


 FBE9BD


 000000


 FFFFD9

 FFFFF6

 71643E

 71643E

 716133

 716749

■ 715E27

■ 716A55

■ 715B1C

■ 716D60

■ 715811

■ 71706B

■ 715605

■ 717276

■ 715400

■ 717582

■ 71788D

■ 717B98

■ 717EA4

# Harmonies

## Analogous

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



815D43



71643E



5D6A43

# Triad

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



71643E



1F6F78



7E5978

# Complementary

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



71643E



3E4B71

# 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.



696086



71643E



2E6C86

# Square

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



71643E



2E6F65



4C668B



8A5665

# Rectangle

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



71643E



4D6D4C



4C668B



785B7D



# Sweetspot

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



71643E



948F7F



713E4C



4A473D



C9C9C9



4A4A4A



# Same Dimension

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



71643E



948044



65713E



383732



785900



F7B800



# Inverse Universe

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



3E4B71



445894



4A3E71



323438



001F78



003FF7



# Previews

## White Background



This preview shows how the Hex color 71643E looks on a white background.

## Color Contrast Check

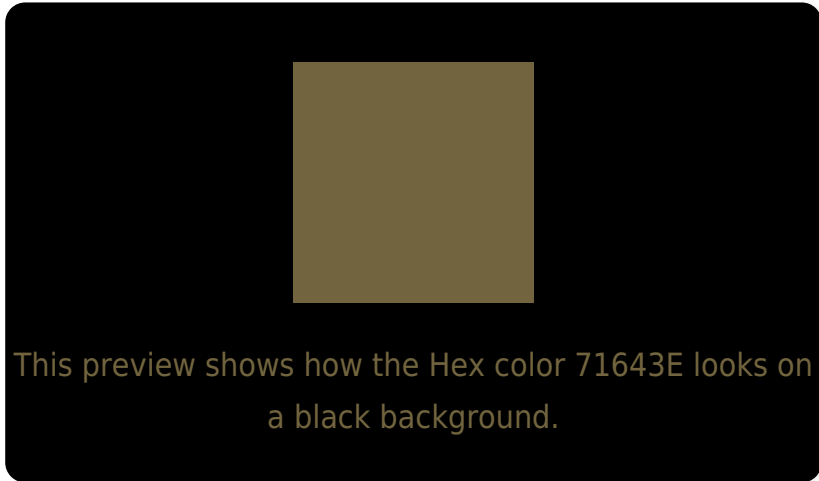
Large Text (above 18pt) WCAG AA ✓ Pass

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

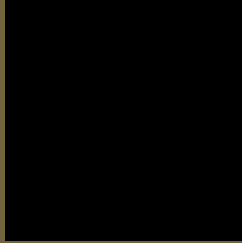
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71643E Background



This preview shows how black text looks on a background with the Hex color 71643E.



This preview shows how white text looks on a background with the Hex color 71643E.

# 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](#).

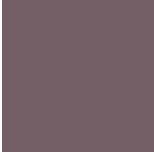
## Dichromacy



**Original Color**  
71643E

**Protanopia**  
6E653E

**Deuteranopia**  
7A603F



**Tritanopia**  
755F66

# Trichromacy



**Original Color**  
71643E

**Protanomaly**  
6F653E

**Deuteranomaly**  
77613F

**Tritanomaly**  
746157

# Monochromacy



**Original Color**  
71643E

**Achromatopsia**  
646464

**Achromatomaly**  
696456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71643E 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 #71643E looks like.

```
.text, #text, p{  
    color:#71643E  
}
```

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 #71643E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71643E
}
```

## Border

The CSS property to change the border of an element to Hex 71643E is called "border". The border property can be set on classes, ids or directly on the HTML element.

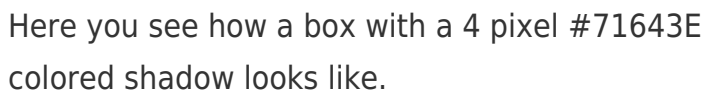
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71643E }
```

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

```
.border{ border-color:#71643E }
```

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



Here you see how a box with a 4 pixel #71643E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71643E; -webkit-box-shadow:4px 4px  
4px 4px #71643E; box-shadow:4px 4px 4px  
4px #71643E }
```

# Background

The CSS property to change the background color of an element to Hex 71643E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71643E }
```

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

```
.background{ background-color:#71643E }
```

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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