

# Converting Colors

Hex(71413C)

Have a look what the booklet for  
Hex(71413C) contains.

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**Color**

**Hex(71413C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71413C
RGB	113, 65, 60
RGB Percent	44%, 25%, 24%
CMY	0.5569, 0.7451, 0.7647
CMYK	0.00, 0.42, 0.47, 0.56
HSL	6°, 31%, 34%
HSV	6°, 47%, 44%
XYZ	9.5160, 7.6175, 5.2438
YIQ	78.7820, 30.2130, 8.6210

# Conversions

## Conversions Part 2

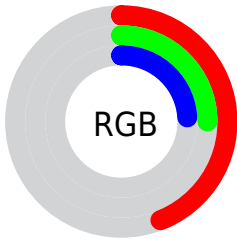
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 66, 60
Decimal	7422268
CIE Lab	33.17, 20.22, 12.02
CIE LCh	33, 23.518, 30.726
Yxy	7.6175, 0.4253, 0.3404
Android (android.graphics.Color)	4285612348 (0xFF71413C)
YUV	78.7820, -9.2595, 30.0092
Hunter-Lab	27.5999, 13.2438, 8.0553

# Details

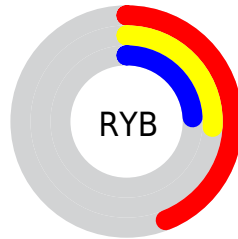
The Hex color **71413C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6C71**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A7726B**, and **3E1412** is the 20% darker color. If you saturate the color by 10%, you get **713731**, and if you desaturate by 10%, it is **714B47**.

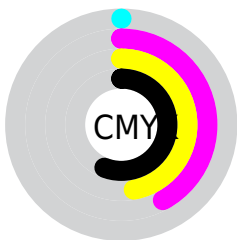
# Distribution



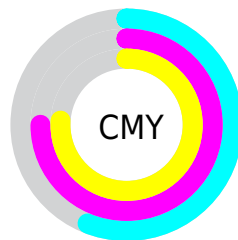
- Red (44%)
- Green (25%)
- Blue (24%)



- Red (44%)
- Yellow (26%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71413C 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 71413C by changing the saturation by 10% instead.



 71413C

 71413C

FFFFFF

 572A26

 A7726B

 3E1412

 C38B85

 280000

 DFA69F

 000000


 FCC1BA

 FFDD5

 FFFAF2

 71413C

 71413C

 713731

 714B47

■ 712D25

■ 715553

■ 71221A

■ 71605E

■ 71180F

■ 716A69

■ 710E03

■ 717474

■ 710B00

■ 717E80

■ 71898B

■ 719396

■ 719DA2

# Harmonies

## Analogous

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



713F4E



71413C



68472E

# Triad

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



71413C



30563B



325073

# Complementary

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



71413C



3C6C71

# 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.



07556E



71413C



12584E

# Square

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



71413C



46532D



005760



50496E

# Rectangle

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



71413C



5F4B29



005760



265272



# Sweetspot

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



71413C



94817F



713C6D



4A3F3D



C9C9C9



4A4A4A



# Same Dimension

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



71413C



944941



715B3C



383332



780B00



F71700



# Inverse Universe

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



3C6C71



418C94



3C5271



323838



006D78



00E0F7



# Previews

## White Background



This preview shows how the Hex color 71413C looks on a white background.

## Color Contrast Check

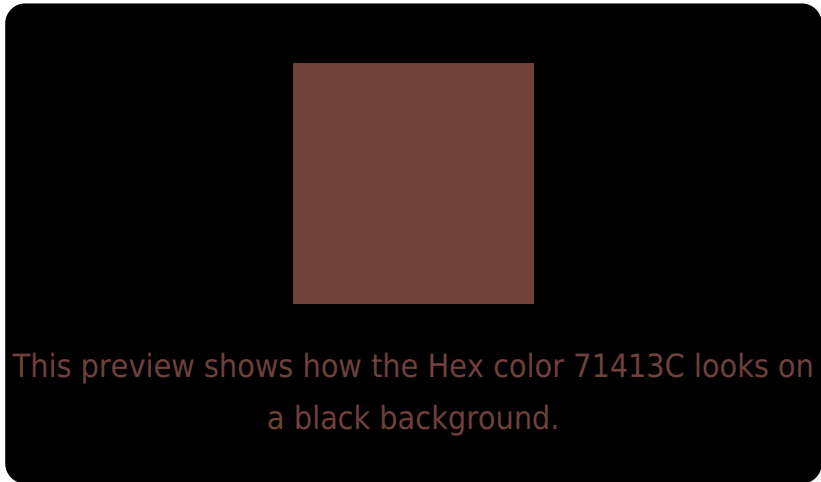
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 71413C Background



This preview shows how black text looks on a background with the Hex color 71413C.

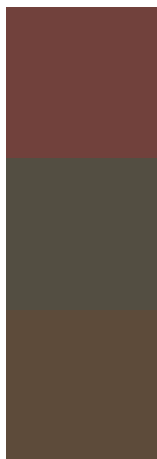


This preview shows how white text looks on a background with the Hex color 71413C.

# 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**  
71413C

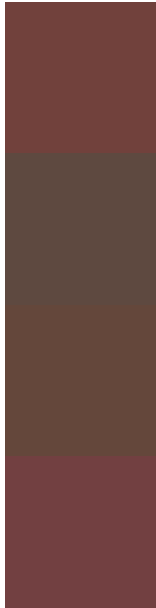
**Protanopia**  
534E42

**Deuteranopia**  
5D4B3A



**Tritanopia**  
724044

# Trichromacy



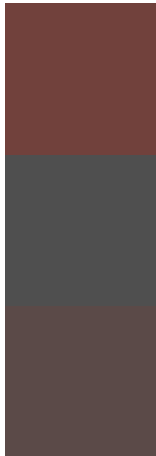
**Original Color**  
71413C

**Protanomaly**  
5E4940

**Deuteranomaly**  
64473B

**Tritanomaly**  
724041

# Monochromacy



**Original Color**  
71413C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5B4A48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71413C 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 #71413C looks like.

```
.text, #text, p{  
    color:#71413C  
}
```

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 #71413C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71413C
}
```

## Border

The CSS property to change the border of an element to Hex 71413C is called "border". The border property can be set on classes, ids or directly on the HTML element.

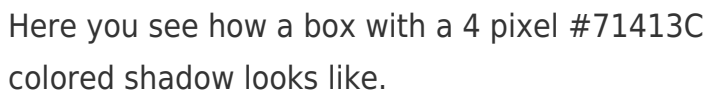
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71413C }
```

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

```
.border{ border-color:#71413C }
```

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



Here you see how a box with a 4 pixel #71413C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71413C; -webkit-box-shadow:4px 4px  
4px 4px #71413C; box-shadow:4px 4px 4px  
4px #71413C }
```

# Background

The CSS property to change the background color of an element to Hex 71413C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71413C }
```

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

```
.background{ background-color:#71413C }
```

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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