

# Converting Colors

Hex(71685E)

Have a look what the booklet for  
Hex(71685E) contains.

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# Color

**Hex(71685E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71685E
RGB	113, 104, 94
RGB Percent	44%, 41%, 37%
CMY	0.5569, 0.5922, 0.6314
CMYK	0.00, 0.08, 0.17, 0.56
HSL	32°, 9%, 41%
HSV	32°, 17%, 44%
XYZ	13.7807, 14.2195, 12.6080
YIQ	105.5510, 8.5740, -1.2020

# Conversions

## Conversions Part 2

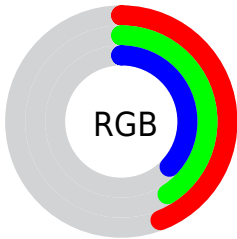
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 113, 94
Decimal	7432286
CIELab	44.55, 1.70, 6.91
CIElCh	45, 7.113, 76.189
Yxy	14.2195, 0.3394, 0.3502
Android (android.graphics.Color)	4285622366 (0xFF71685E)
YUV	105.5510, -5.6946, 6.5328
Hunter-Lab	37.7087, -0.7571, 6.5724

# Details

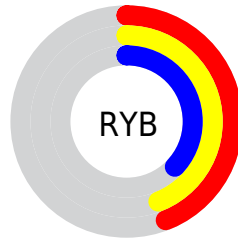
The Hex color **71685E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E6771**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A59B90**, and **413930** is the 20% darker color. If you saturate the color by 10%, you get **716353**, and if you desaturate by 10%, it is **716D69**.

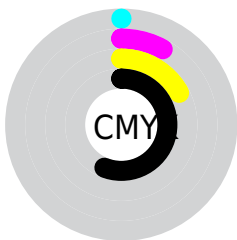
# Distribution



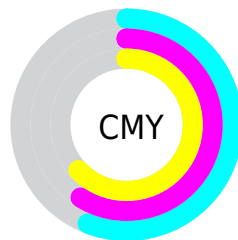
- Red (44%)
- Green (41%)
- Blue (37%)



- Red (44%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (56%)



- Cyan (56%)
- Magenta (59%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71685E 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 71685E by changing the saturation by 10% instead.



71685E

71685E

FFFFFF

585046

A59B90

413930

C0B6AB

2B241B

DCD1C6

170E00

F9EEE2

000000

71685E

71685E

716353

716D69

715D47

717375

71583C

717880

■ 715331

■ 717D8B

■ 714D26

■ 718397

■ 71481A

■ 7188A2

■ 71430F

■ 718DAD

■ 713D04

■ 7193B8

■ 713B00

■ 7198C4

# Harmonies

## Analogous

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



756661



71685E



6B6A5E

# Triad

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



71685E



5B6D6C



6E6772

# Complementary

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



71685E



5E6771

# 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.



676975



71685E



5C6C72

# Square

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



71685E



5E6D66



606B75



74666C

# Rectangle

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



71685E



666B60



606B75



6C6773



# Sweetspot

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



71685E



94908D



715E67



4A4846



C9C9C9



4A4A4A



# Same Dimension

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



71685E



948676



71715E



383532



783F00



F78200



# Inverse Universe

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



5E6771



768494



5E5E71



323538



003978

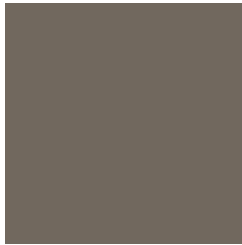


0075F7



# Previews

## White Background



This preview shows how the Hex color 71685E looks on a white background.

## Color Contrast Check

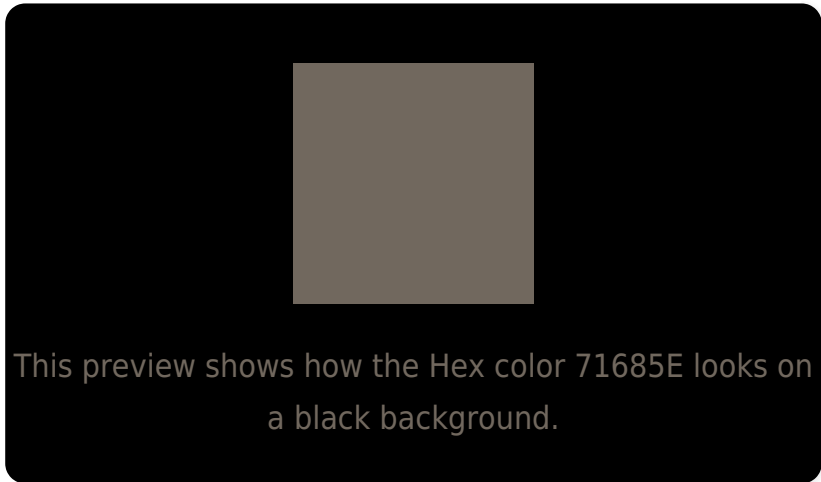
Large Text (above 18pt) WCAG AA ✓ Pass

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

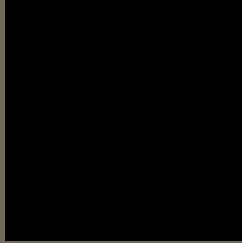
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

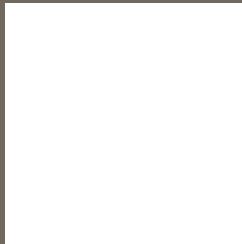
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71685E Background



This preview shows how black text looks on a background with the Hex color 71685E.

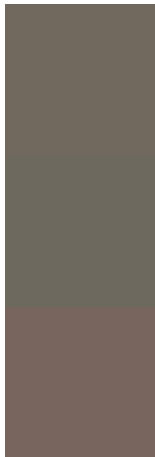


This preview shows how white text looks on a background with the Hex color 71685E.

# 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**  
71685E

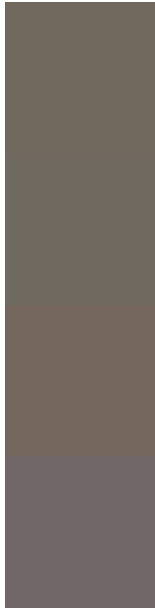
**Protanopia**  
6E695F

**Deuteranopia**  
78665E



**Tritanopia**  
73666E

# Trichromacy



**Original Color**  
71685E

**Protanomaly**  
6F695F

**Deuteranomaly**  
75675E

**Tritanomaly**  
726768

# Monochromacy



**Original Color**  
71685E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6D6966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71685E 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 #71685E looks like.

```
.text, #text, p{  
    color:#71685E  
}
```

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 #71685E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71685E
}
```

## Border

The CSS property to change the border of an element to Hex 71685E is called "border". The border property can be set on classes, ids or directly on the HTML element.

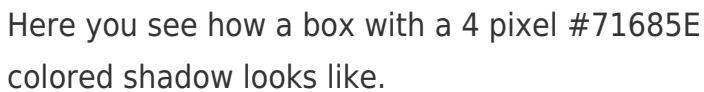
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71685E }
```

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

```
.border{ border-color:#71685E }
```

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



Here you see how a box with a 4 pixel #71685E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71685E; -webkit-box-shadow:4px 4px  
4px 4px #71685E; box-shadow:4px 4px 4px  
4px #71685E }
```

# Background

The CSS property to change the background color of an element to Hex 71685E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71685E }
```

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

```
.background{ background-color:#71685E }
```

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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