

# Converting Colors

Hex(71635A)

Have a look what the booklet for  
Hex(71635A) contains.

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# Color

Hex(71635A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71635A
RGB	113, 99, 90
RGB Percent	44%, 39%, 35%
CMY	0.5569, 0.6118, 0.6471
CMYK	0.00, 0.12, 0.20, 0.56
HSL	23°, 11%, 40%
HSV	23°, 20%, 44%
XYZ	13.1174, 13.1726, 11.5241
YIQ	102.1600, 11.2330, 0.1690

# Conversions

## Conversions Part 2

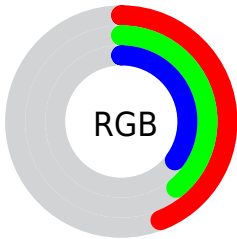
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 105, 90
Decimal	7431002
CIE Lab	43.02, 3.98, 7.16
CIE LCh	43, 8.191, 60.909
Yxy	13.1726, 0.3469, 0.3484
Android (android.graphics.Color)	4285621082 (0xFF71635A)
YUV	102.1600, -5.9949, 9.5067
Hunter-Lab	36.2940, 0.9987, 6.5801

# Details

The Hex color **71635A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6871**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A5968C**, and **41352C** is the 20% darker color. If you saturate the color by 10%, you get **715C4F**, and if you desaturate by 10%, it is **716A65**.

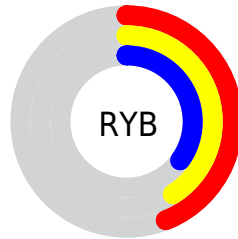
# Distribution



Red (44%)

Green (39%)

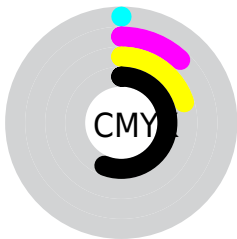
Blue (35%)



Red (44%)

Yellow (41%)

Blue (35%)

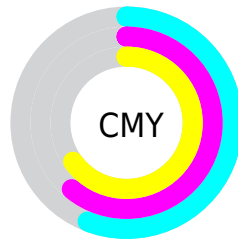


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71635A 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 71635A by changing the saturation by 10% instead.





71635A



71635A

FFFFFF



584B43



A5968C



41352C



C0B0A6



2A1F18



DCCCC2



170700



F9E8DD



000000



FFFFFFA



71635A



71635A



715C4F



716A65



715543



717171

■ 714E38

■ 71787C

■ 71472D

■ 717F87

■ 714122

■ 718593

■ 713A16

■ 718C9E

■ 71330B

■ 7193A9

■ 712C00

■ 719AB4

■ 71A1C0

# Harmonies

## Analogous

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



74615F



71635A



6B6558

# Triad

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



71635A



566A66



676471

# Complementary

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



71635A



5A6871

# 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.



5F6673



71635A



55696C

# Square

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



71635A



5C695F



586871



6F626C

# Rectangle

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



71635A



666759



586871



646572



# Sweetspot

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



71635A



948E8B



715A68



4A4745



C9C9C9



4A4A4A



# Same Dimension

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



71635A



947E70



716E5A



383532



782F00



F76100



# Inverse Universe

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



5A6871



708694



5A5D71



323638



004978



0097F7



# Previews

## White Background



This preview shows how the Hex color 71635A looks on a white background.

## Color Contrast Check

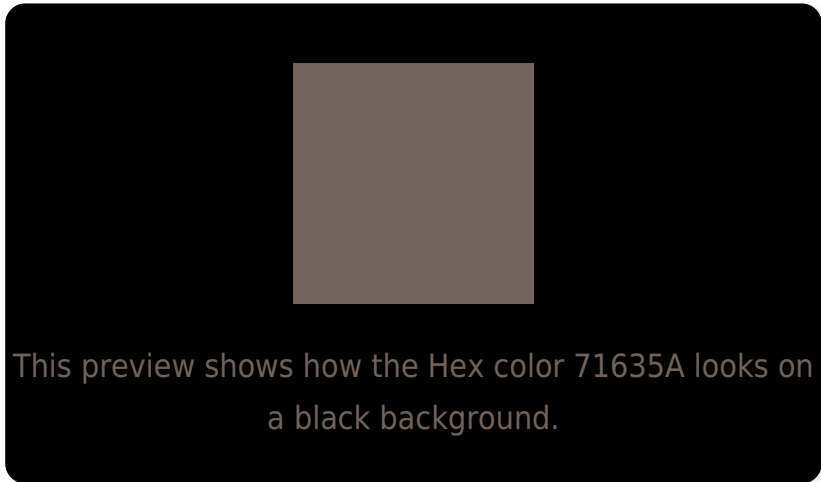
Large Text (above 18pt) WCAG AA ✓ Pass

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

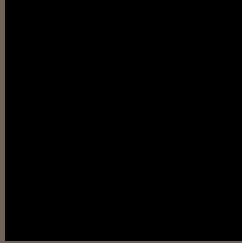
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

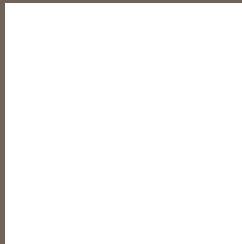
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71635A Background



This preview shows how black text looks on a background with the Hex color 71635A.



This preview shows how white text looks on a background with the Hex color 71635A.

# 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**  
71635A

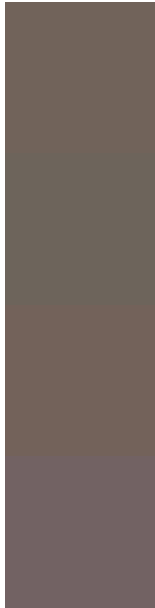
**Protanopia**  
6A655B

**Deuteranopia**  
74625A



**Tritanopia**  
736168

# Trichromacy



**Original Color**

71635A

**Protanomaly**

6D645B

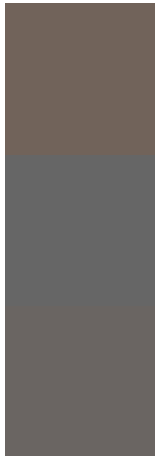
**Deuteranomaly**

73625A

**Tritanomaly**

726263

# Monochromacy



**Original Color**

71635A

**Achromatopsia**

666666

**Achromatomaly**

6A6562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71635A 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 #71635A looks like.

```
.text, #text, p{  
    color:#71635A  
}
```

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 #71635A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71635A
}
```

## Border

The CSS property to change the border of an element to Hex 71635A 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
#71635A }
```

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

```
.border{ border-color:#71635A }
```

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

Here you see how a box with a 4 pixel #71635A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71635A; -webkit-box-shadow:4px 4px  
4px 4px #71635A; box-shadow:4px 4px 4px  
4px #71635A }
```

# Background

The CSS property to change the background color of an element to Hex 71635A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71635A }
```

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

```
.background{ background-color:#71635A }
```

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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