

# Converting Colors

Hex(705C55)

Have a look what the booklet for  
Hex(705C55) contains.

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**Color**

**Hex(705C55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705C55
RGB	112, 92, 85
RGB Percent	44%, 36%, 33%
CMY	0.5608, 0.6392, 0.6667
CMYK	0.00, 0.18, 0.24, 0.56
HSL	16°, 14%, 39%
HSV	16°, 24%, 44%
XYZ	12.1489, 11.7549, 10.2229
YIQ	97.1820, 14.1670, 2.0630

# Conversions

## Conversions Part 2

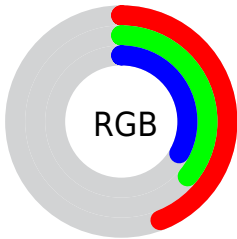
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 94, 85
Decimal	7363669
CIE Lab	40.82, 6.94, 7.07
CIE LCh	41, 9.905, 45.555
Yxy	11.7549, 0.3560, 0.3444
Android (android.graphics.Color)	4285553749 (0xFF705C55)
YUV	97.1820, -6.0057, 12.9954
Hunter-Lab	34.2854, 3.2514, 6.3212

# Details

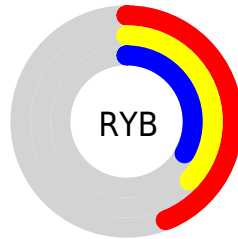
The Hex color **705C55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556970**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A48E87**, and **402E28** is the 20% darker color. If you saturate the color by 10%, you get **70544A**, and if you desaturate by 10%, it is **706460**.

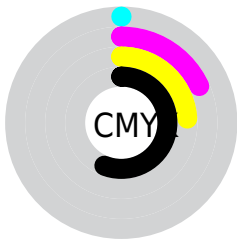
# Distribution



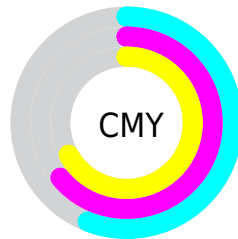
- Red (44%)
- Green (36%)
- Blue (33%)



- Red (44%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 705C55 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 705C55 by changing the saturation by 10% instead.



 705C55

 705C55

FFFFFF

 57443E

 A48E87

 402E28

 BFA9A1

 291914

 DBC4BC

 140000

 F8E0D8

 000000

 FFFCF4

 705C55

 705C55

 70544A

 706460

 704B3F

 706D6B

704333

707577

703B28

707D82

70331D

70858D

702A12

708E98

702207

7096A3

701D00

709EAF

70A7BA

# Harmonies

## Analogous

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



715B5C



705C55



6B5E51

# Triad

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



705C55



51655C



5D6070

# Complementary

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



705C55



556970

# 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.



536270



705C55



4C6564

# Square

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



705C55



596355



4C646B



675D6C

# Rectangle

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



705C55



656050



4C646B



596070



# Sweetspot

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



705C55



918A87



705569



4A4644



C9C9C9



4A4A4A



# Same Dimension

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



705C55



917267



706955



383432



781F00



F74000



# Inverse Universe

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



556970



678691



555C70



323738



005978



00B7F7



# Previews

## White Background



This preview shows how the Hex color 705C55 looks on a white background.

## Color Contrast Check

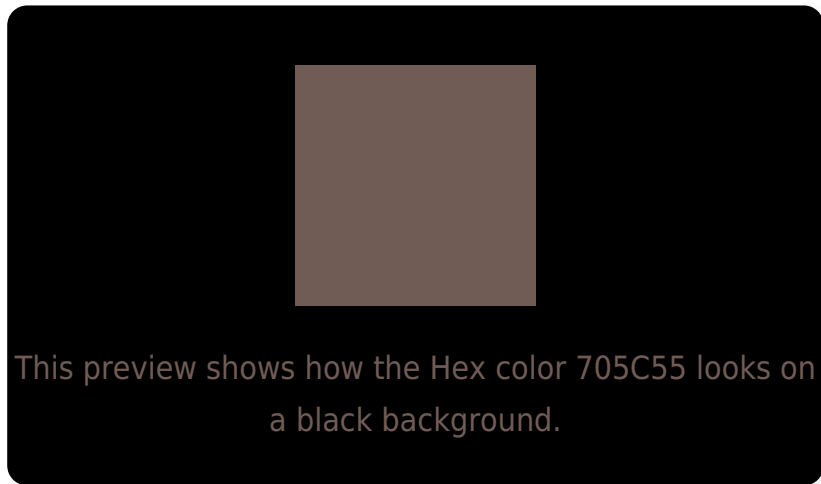
Large Text (above 18pt) WCAG AA ✓ Pass

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

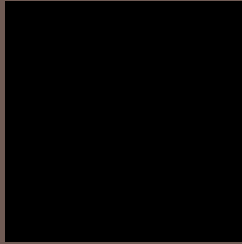
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 705C55 Background



This preview shows how black text looks on a background with the Hex color 705C55.



This preview shows how white text looks on a background with the Hex color 705C55.

# 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**  
705C55

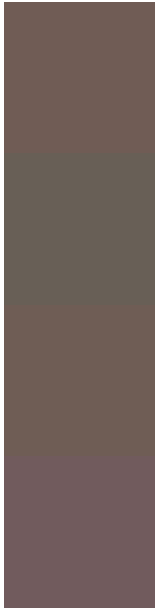
**Protanopia**  
646057

**Deuteranopia**  
6E5D55



**Tritanopia**  
715A61

# Trichromacy



**Original Color**  
705C55

**Protanomaly**  
685F56

**Deuteranomaly**  
6F5D55

**Tritanomaly**  
715B5D

# Monochromacy



**Original Color**  
705C55

**Achromatopsia**  
616161

**Achromatomaly**  
665F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 705C55 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 #705C55 looks like.

```
.text, #text, p{  
    color:#705C55  
}
```

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 #705C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705C55
}
```

## Border

The CSS property to change the border of an element to Hex 705C55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

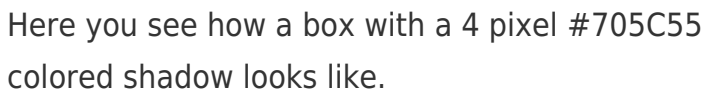
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#705C55 }
```

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

```
.border{ border-color:#705C55 }
```

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



Here you see how a box with a 4 pixel #705C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705C55; -webkit-box-shadow:4px 4px  
4px 4px #705C55; box-shadow:4px 4px 4px  
4px #705C55 }
```

# Background

The CSS property to change the background color of an element to Hex 705C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705C55 }
```

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

```
.background{ background-color:#705C55 }
```

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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