

# Converting Colors

Hex(705E51)

Have a look what the booklet for  
Hex(705E51) contains.

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# Color

**Hex(705E51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705E51
RGB	112, 94, 81
RGB Percent	44%, 37%, 32%
CMY	0.5608, 0.6314, 0.6824
CMYK	0.00, 0.16, 0.28, 0.56
HSL	25°, 16%, 38%
HSV	25°, 28%, 44%
XYZ	12.1700, 12.0442, 9.4679
YIQ	97.9000, 14.9010, -0.2270

# Conversions

## Conversions Part 2

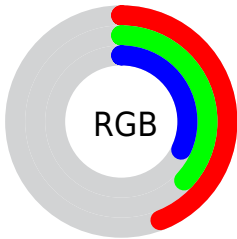
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 103, 81
Decimal	7364177
CIE Lab	41.29, 5.09, 10.16
CIE LCh	41, 11.366, 63.408
Yxy	12.0442, 0.3613, 0.3576
Android (android.graphics.Color)	4285554257 (0xFF705E51)
YUV	97.9000, -8.3317, 12.3657
Hunter-Lab	34.7048, 1.8615, 8.1183

# Details

The Hex color **705E51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **516370**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A49082**, and **403024** is the 20% darker color. If you saturate the color by 10%, you get **705746**, and if you desaturate by 10%, it is **70655C**.

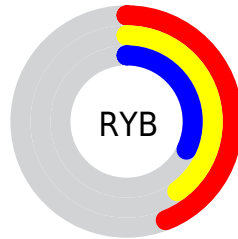
# Distribution



Red (44%)

Green (37%)

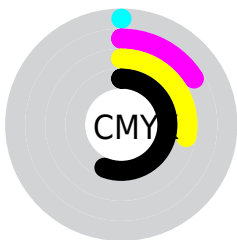
Blue (32%)



Red (44%)

Yellow (40%)

Blue (32%)

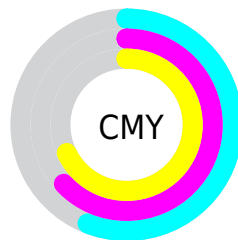


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 705E51 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 705E51 by changing the saturation by 10% instead.





705E51



705E51

FFFFFF



57463A



A49082



403024



BFAB9C



291B10



DBC6B7



120100



F8E2D3



000000



FFFFEF



705E51



705E51



705746



70655C



70513B



706B67

704A2F

707273

704424

70787E

703D19

707F89

70370E

708594

703003

708C9F

702F00

7092AB

7099B6

# Harmonies

## Analogous

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



755C58



705E51



68614F

# Triad

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



705E51



4B6762



645F71

# Complementary

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



705E51



516370

# 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.



586274



705E51



49666B

# Square

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



705E51



536659



4E6572



6F5C6A

# Rectangle

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



705E51



616350



4E6572



606072



# Sweetspot

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



705E51



918B86



705163



4A4643



C9C9C9



4A4A4A



# Same Dimension

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



705E51



917561



706D51



383532



783200



F76800



# Inverse Universe

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



516370



617D91



515470



323638



004678



0090F7



# Previews

## White Background



This preview shows how the Hex color 705E51 looks on a white background.

## Color Contrast Check

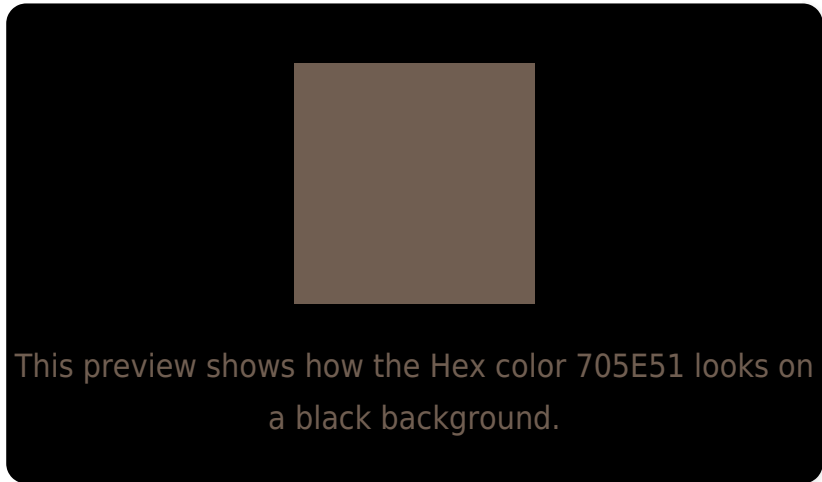
Large Text (above 18pt) WCAG AA ✓ Pass

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

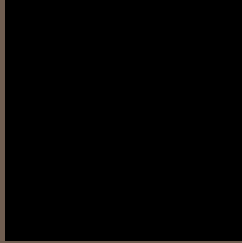
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 705E51 Background



This preview shows how black text looks on a background with the Hex color 705E51.

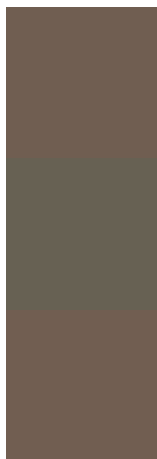


This preview shows how white text looks on a background with the Hex color 705E51.

# 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**  
705E51

**Protanopia**  
676153

**Deuteranopia**  
715E51



**Tritanopia**  
725B63

# Trichromacy



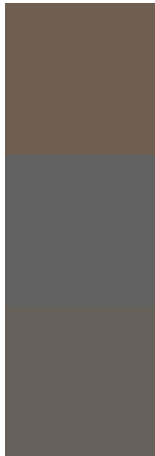
**Original Color**  
705E51

**Protanomaly**  
6A6052

**Deuteranomaly**  
715E51

**Tritanomaly**  
715C5C

# Monochromacy



**Original Color**  
705E51

**Achromatopsia**  
626262

**Achromatomaly**  
67615C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 705E51 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 #705E51 looks like.

```
.text, #text, p{  
    color:#705E51  
}
```

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 #705E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705E51
}
```

## Border

The CSS property to change the border of an element to Hex 705E51 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".

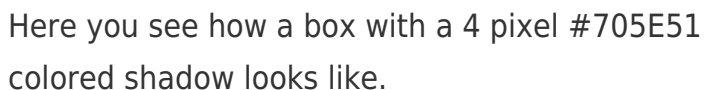
```
.border, #border, table{ border:4px solid
#705E51 }
```

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

```
.border{ border-color:#705E51 }
```

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

Here you see how a box with a 4 pixel #705E51 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705E51; -webkit-box-shadow:4px 4px  
4px 4px #705E51; box-shadow:4px 4px 4px  
4px #705E51 }
```

# Background

The CSS property to change the background color of an element to Hex 705E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705E51 }
```

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

```
.background{ background-color:#705E51 }
```

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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