

# Converting Colors

Hex(675C45)

Have a look what the booklet for  
Hex(675C45) contains.

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# Color

Hex(675C45)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675C45
RGB	103, 92, 69
RGB Percent	40%, 36%, 27%
CMY	0.5961, 0.6392, 0.7294
CMYK	0.00, 0.11, 0.33, 0.60
HSL	41°, 20%, 34%
HSV	41°, 33%, 40%
XYZ	10.4948, 10.9675, 7.1940
YIQ	92.6670, 13.9390, -4.8210

# Conversions

## Conversions Part 2

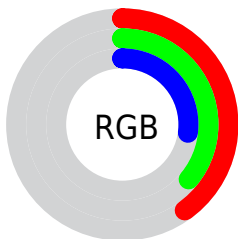
Format	Color
R <sub>Y</sub> B	85, 103, 69
Decimal	6773829
CIE Lab	39.53, 0.54, 14.88
CIE LCh	40, 14.890, 87.927
Yxy	10.9675, 0.3662, 0.3827
Android (android.graphics.Color)	4284963909 (0xFF675C45)
YUV	92.6670, -11.6678, 9.0620
Hunter-Lab	33.1173, -1.3886, 10.3026

# Details

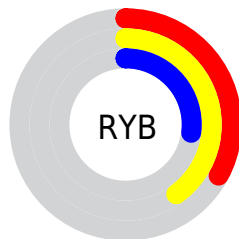
The Hex color **675C45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455067**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9B8E75**, and **372E19** is the 20% darker color. If you saturate the color by 10%, you get **67593B**, and if you desaturate by 10%, it is **675F4F**.

# Distribution



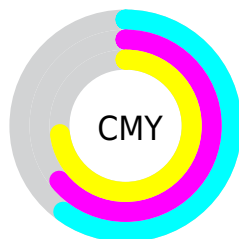
- Red (40%)
- Green (36%)
- Blue (27%)



- Red (33%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675C45 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 675C45 by changing the saturation by 10% instead.





675C45



675C45

FFFFFF



4F452F



9B8E75



372E19



B6A98F



221A00



D1C4AA



000000



EEE0C5



FFFCE1

FFFFFFD



675C45



675C45



67593B



675F4F

■ 675530

■ 67635A

■ 675226

■ 676664

■ 674F1C

■ 67696E

■ 674B11

■ 676D79

■ 674807

■ 677083

■ 674600

■ 67738D

■ 677797

■ 677AA2

# Harmonies

## Analogous

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



715849



675C45



5A6048

# Triad

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



675C45



3A6468



6C576A

# Complementary

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



675C45



455067

# 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.



5E5A72



675C45



406271

# Square

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



675C45



40645C



4D5E75



74545E

# Rectangle

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



675C45



51624D



4D5E75



68586D



# Sweetspot

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



675C45



87837A



674550



45423D



C4C4C4



454545



# Same Dimension

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



675C45



877651



616745



33312E



734E00



F2A400



# Inverse Universe

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



455067



516387



4B4567



2E3033



002573



004EF2



# Previews

## White Background



This preview shows how the Hex color 675C45 looks on a white background.

## Color Contrast Check

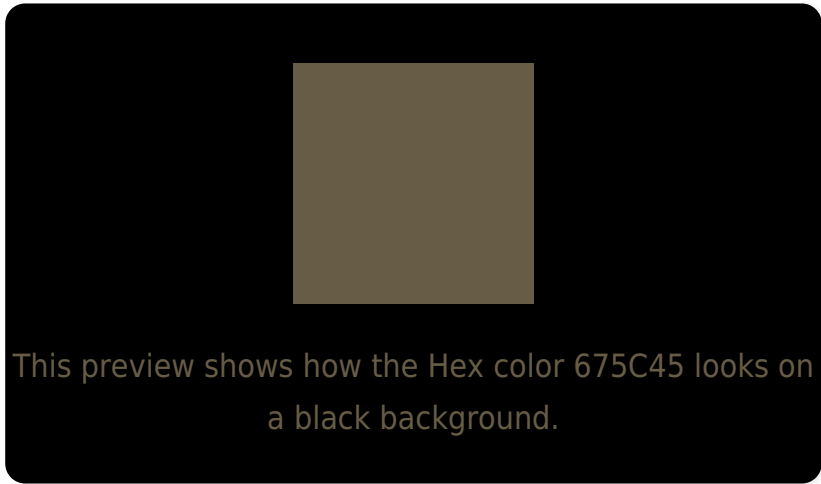
Large Text (above 18pt) WCAG AA ✓ Pass

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

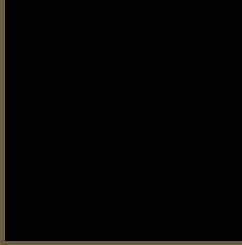
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675C45 Background



This preview shows how black text looks on a background with the Hex color 675C45.



This preview shows how white text looks on a background with the Hex color 675C45.

# 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**


675C45

**Protanopia**

645D45

**Deuteranopia**

6E5946



**Tritanopia**  
6A585F

# Trichromacy



**Original Color**  
675C45

**Protanomaly**  
655D45

**Deuteranomaly**  
6B5A46

**Tritanomaly**  
695956

# Monochromacy



**Original Color**  
675C45

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
615D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675C45 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 #675C45 looks like.

```
.text, #text, p{  
    color:#675C45  
}
```

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 #675C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675C45
}
```

## Border

The CSS property to change the border of an element to Hex 675C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

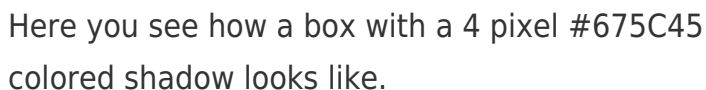
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675C45 }
```

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

```
.border{ border-color:#675C45 }
```

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



Here you see how a box with a 4 pixel #675C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675C45; -webkit-box-shadow:4px 4px  
4px 4px #675C45; box-shadow:4px 4px 4px  
4px #675C45 }
```

# Background

The CSS property to change the background color of an element to Hex 675C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675C45 }
```

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

```
.background{ background-color:#675C45 }
```

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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