

Converting Colors

Hex(67705C)

Have a look what the booklet for
Hex(67705C) contains.

Hex(67705C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67705C)

Conversions

Conversions Part 1

Format	Color
Hex	67705C
RGB	103, 112, 92
RGB Percent	40%, 44%, 36%
CMY	0.5961, 0.5608, 0.6392
CMYK	0.08, 0.00, 0.18, 0.56
HSL	87°, 10%, 40%
HSV	87°, 18%, 44%
XYZ	13.3195, 15.2446, 12.3657
YIQ	107.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

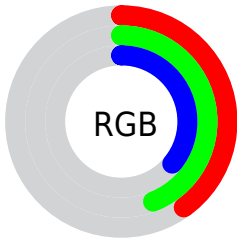
Format	Color
R_{YB}	92, 112, 101
Decimal	6778972
CIE Lab	45.97, -7.39, 9.99
CIE LCh	46, 12.425, 126.510
Yxy	15.2446, 0.3254, 0.3725
Android (android.graphics.Color)	4284969052 (0xFF67705C)
YUV	107.0290, -7.4093, -3.5334
Hunter-Lab	39.0443, -7.4347, 8.5534

Details

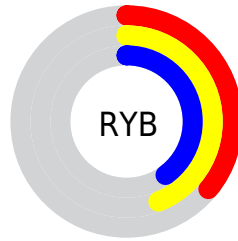
The Hex color **67705C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655C70**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9AA48E**, and **38402E** is the 20% darker color. If you saturate the color by 10%, you get **627051**, and if you desaturate by 10%, it is **6C7067**.

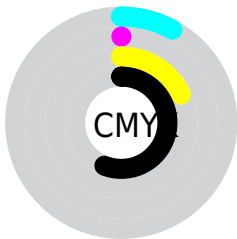
Distribution



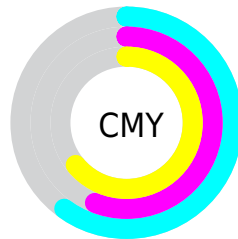
- Red (40%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67705C 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 67705C by changing the saturation by 10% instead.



67705C



67705C

FFFFFF



4F5844



9AA48E



38402E



B5BFA9



222A19



D1DBC4



0E1600



EDF7E0



000000

FFFFFFD



67705C



67705C



627051



6C7067



5D7046



717072

■ 58703A

■ 76707E

■ 53702F

■ 7B7089

■ 4E7024

■ 807094

■ 497019

■ 85709F

■ 44700E

■ 8A70AA

■ 3F7002

■ 8F70B6

■ 3E7000

■ 9470C1

Harmonies

Analogous

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



736D58



67705C



5C7264

Triad

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



67705C



587080



82666B

Complementary

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



67705C



655C70

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.



7C6775



67705C



646D81

Square

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



67705C



527279



72697E



826761

Rectangle

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



67705C



55736B



72697E



81666E

Sweetspot

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



67705C



8E918A



70655C



484A46



C9C9C9



4A4A4A

Same Dimension

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



67705C



849173



5D705C



363832



427800



88F700

Inverse Universe

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



655C70



817391



6F5C70



353238



360078



6F00F7

Previews

White Background



This preview shows how the Hex color 67705C looks on a white background.

Color Contrast Check

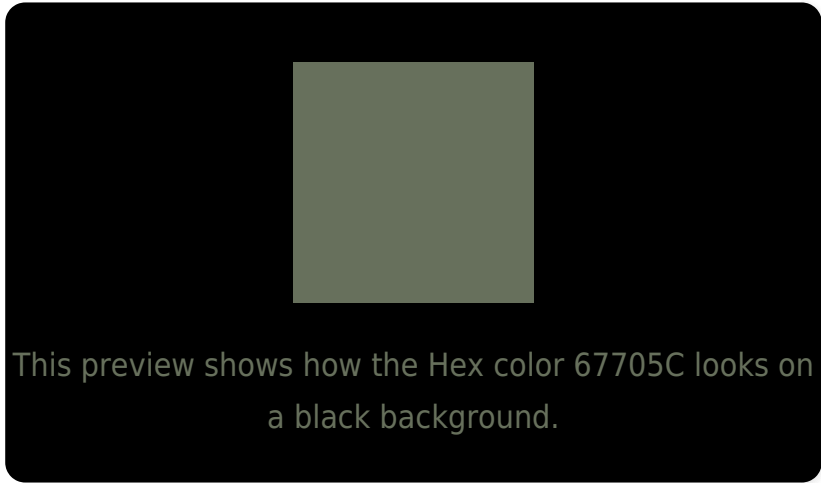
Large Text (above 18pt) WCAG AA ✓ Pass

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

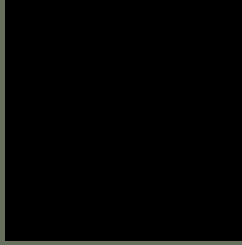
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

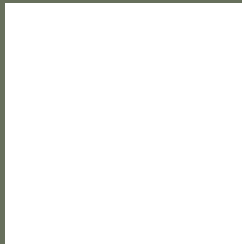
Any Text WCAG AAA × Fail

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

Hex 67705C Background



This preview shows how black text looks on a background with the Hex color 67705C.



This preview shows how white text looks on a background with the Hex color 67705C.

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
67705C

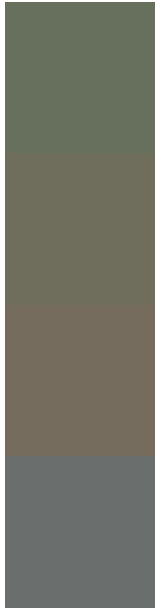
Protanopia
736C5A

Deuteranopia
7D695D



Tritanopia
6B6D75

Trichromacy



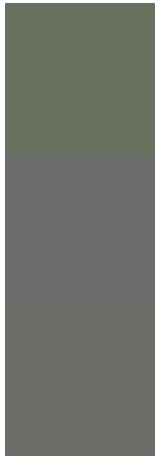
Original Color
67705C

Protanomaly
6F6D5B

Deuteranomaly
756C5D

Tritanomaly
6A6E6C

Monochromacy



Original Color
67705C

Achromatopsia
6B6B6B

Achromatomaly
6A6D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 67705C 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 #67705C looks like.

```
.text, #text, p{  
    color:#67705C  
}
```

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 #67705C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67705C
}
```

Border

The CSS property to change the border of an element to Hex 67705C is called "border". The border property can be set on classes, ids or directly on the HTML element.

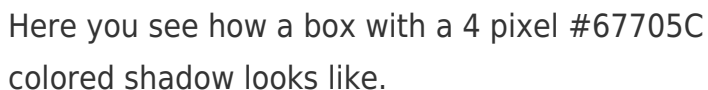
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67705C }
```

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

```
.border{ border-color:#67705C }
```

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



Here you see how a box with a 4 pixel #67705C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67705C; -webkit-box-shadow:4px 4px  
4px 4px #67705C; box-shadow:4px 4px 4px  
4px #67705C }
```

Background

The CSS property to change the background color of an element to Hex 67705C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67705C }
```

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

```
.background{ background-color:#67705C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor