

Converting Colors

Hex(00705C)

Have a look what the booklet for
Hex(00705C) contains.

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Color

Hex(00705C)

Conversions

Conversions Part 1

Format	Color
Hex	00705C
RGB	0, 112, 92
RGB Percent	0%, 44%, 36%
CMY	1.0000, 0.5608, 0.6392
CMYK	1.00, 0.00, 0.18, 0.56
HSL	169°, 100%, 22%
HSV	169°, 100%, 44%
XYZ	7.7259, 12.3610, 12.1039
YIQ	76.2320, -60.3320, -29.9640

Conversions

Conversions Part 2

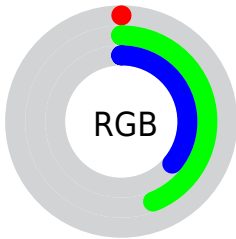
Format	Color
RYB	0, 61, 112
Decimal	28764
CIELab	41.78, -32.48, 3.46
CIELCh	42, 32.663, 173.915
Yxy	12.3610, 0.2400, 0.3840
Android (android.graphics.Color)	4278218844 (0xFF00705C)
YUV	76.2320, 7.7736, -66.8555
Hunter-Lab	35.1583, -22.3021, 4.1990

Details

The Hex color **00705C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **700014**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4AA48E**, and **003F2E** is the 20% darker color. If you saturate the color by 10%, you get **00705C**, and if you desaturate by 10%, it is **0B705E**.

Distribution



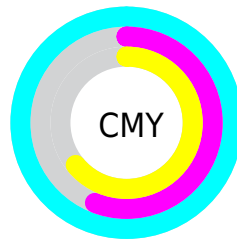
- Red (0%)
- Green (44%)
- Blue (36%)



- Red (0%)
- Yellow (24%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00705C 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 00705C by changing the saturation by 10% instead.

 00705C

 00705C

FFFFFF

 005745

 4AA48E

 003F2E

 66C0A9

 00291A

 82DCC4

 000C00

 9EF9E0

 000000

 BBFFFC

 D8FFFF

 F5FFFF

 00705C

■ 0B705E

■ 167060

■ 227062

■ 2D7064

■ 387066

■ 437068

■ 4E706A

■ 5A706C

■ 65706E

Harmonies

Analogous

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



3D6D42



00705C



007077

Triad

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



00705C



5C5E94



8B5538

Complementary

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



00705C



700014

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.



954E4E



00705C



7F5383

Square

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



00705C



256798



924D69



785F2C

Rectangle

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



00705C



006F87



924D69



90523F

Sweetspot

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



00705C



66918A



157000



2F4A45



C9C9C9



4A4A4A

Same Dimension

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



00705C



009177



004D70



323837



007862



00F7CB

Inverse Universe

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



700014



91001A



702300



383233



780015



F7002C

Previews

White Background



This preview shows how the Hex color 00705C looks on a white background.

Color Contrast Check

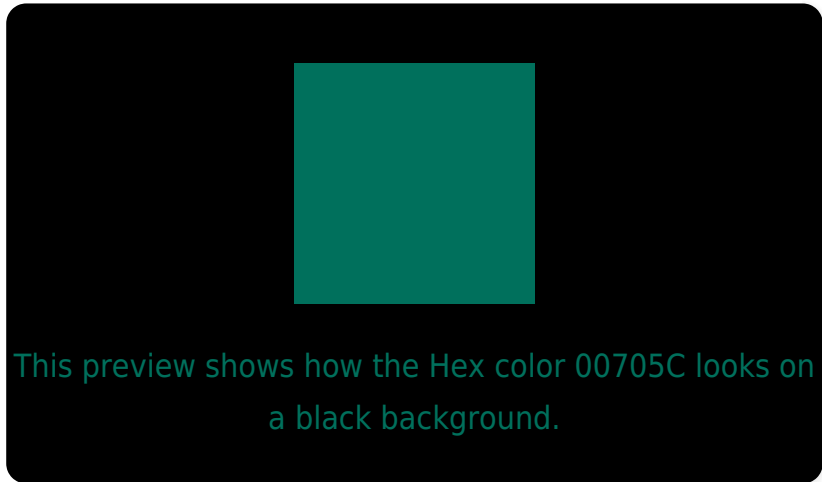
Large Text (above 18pt) WCAG AA ✓ Pass

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

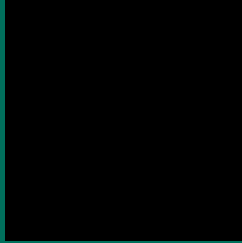
Any Text WCAG AA × Fail

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 00705C Background



This preview shows how black text looks on a background with the Hex color 00705C.

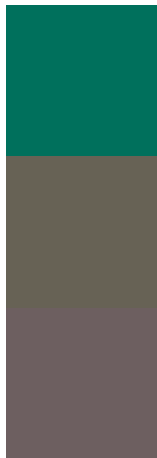


This preview shows how white text looks on a background with the Hex color 00705C.

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
00705C

Protanopia
676255

Deuteranopia
6D5F60



Tritanopia
216D75

Trichromacy



Original Color
00705C



Protanomaly
426758



Deuteranomaly
45655F



Tritanomaly
156E6C

Monochromacy



Original Color
00705C



Achromatopsia
4C4C4C



Achromatomaly
305952

CSS Examples

Text

The CSS property to change the color of the text to Hex 00705C 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 #00705C looks like.

```
.text, #text, p{  
    color:#00705C  
}
```

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 #00705C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00705C
}
```

Border

The CSS property to change the border of an element to Hex 00705C 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
#00705C }
```

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

```
.border{ border-color:#00705C }
```

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

Here you see how a box with a 4 pixel #00705C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00705C; -webkit-box-shadow:4px 4px  
4px 4px #00705C; box-shadow:4px 4px 4px  
4px #00705C }
```

Background

The CSS property to change the background color of an element to Hex 00705C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00705C }
```

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

```
.background{ background-color:#00705C }
```

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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