

Converting Colors

Hex(00735D)

Have a look what the booklet for
Hex(00735D) contains.

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Color

Hex(00735D)

Conversions

Conversions Part 1

Format	Color
Hex	00735D
RGB	0, 115, 93
RGB Percent	0%, 45%, 36%
CMY	1.0000, 0.5490, 0.6353
CMYK	1.00, 0.00, 0.19, 0.55
HSL	169°, 100%, 23%
HSV	169°, 100%, 45%
XYZ	8.1065, 13.0518, 12.4479
YIQ	78.1070, -61.4780, -31.2220

Conversions

Conversions Part 2

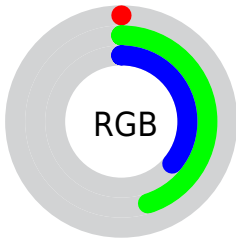
Format	Color
RYB	0, 64, 115
Decimal	29533
CIELab	42.84, -33.53, 4.38
CIELCh	43, 33.820, 172.555
Yxy	13.0518, 0.2412, 0.3884
Android (android.graphics.Color)	4278219613 (0xFF00735D)
YUV	78.1070, 7.3422, -68.4998
Hunter-Lab	36.1272, -23.1694, 4.8603

Details

The Hex color **00735D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730016**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4BA88F**, and **00422F** is the 20% darker color. If you saturate the color by 10%, you get **00735D**, and if you desaturate by 10%, it is **0B735F**.

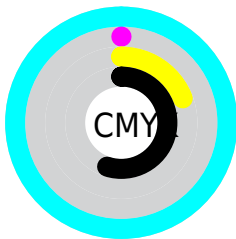
Distribution



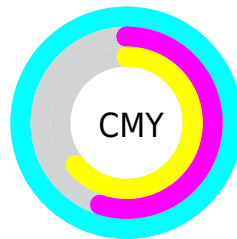
- Red (0%)
- Green (45%)
- Blue (36%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00735D 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 00735D by changing the saturation by 10% instead.

 00735D

 00735D

FFFFFF

 005A45

 4BA88F

 00422F

 67C3AA

 002B1A

 83DFC5

 001200

 A0FCE1

 000000

 BCFFFE

 D9FFFF

 F7FFFF

 00735D

 0B735F


 177361

 237364

 2E7366

 3A7368

 45736A

 51736C

 5C736F

 687371

Harmonies

Analogous

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



407042



00735D



00737A

Triad

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



00735D



5C6199



90573A

Complementary

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



00735D



730016

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.



9A4F51



00735D



815687

Square

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



00735D



1F6A9C



954E6D



7C612D

Rectangle

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



00735D



00728A



954E6D



955441

Sweetspot

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



00735D



69968E



177300



314D47



CCCCCC



4D4D4D

Same Dimension

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



00735D



00967A



005073



353B3A



007A63



00FACA

Inverse Universe

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



730016



96001D



732300



3B3536



7A0017



FA0030

Previews

White Background



This preview shows how the Hex color 00735D looks on a white background.

Color Contrast Check

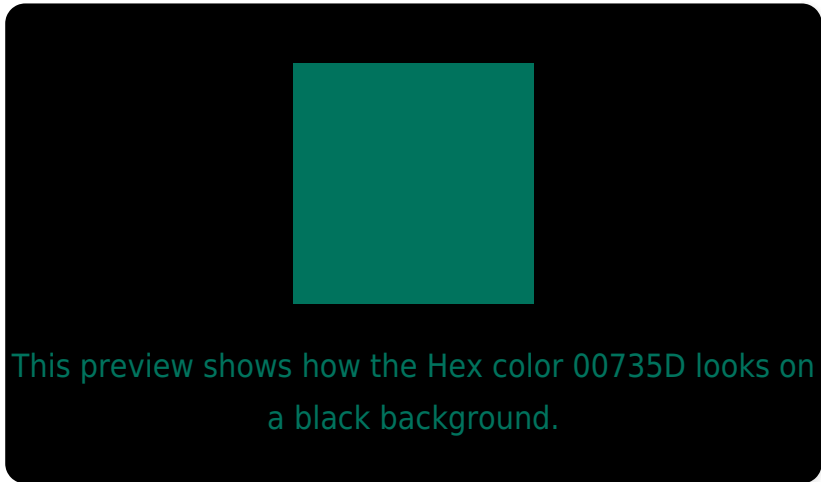
Large Text (above 18pt) WCAG AA ✓ Pass

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

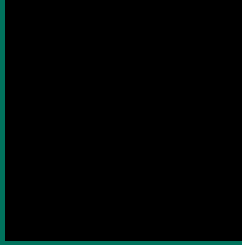
Any Text WCAG AA × Fail

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 00735D Background



This preview shows how black text looks on a background with the Hex color 00735D.

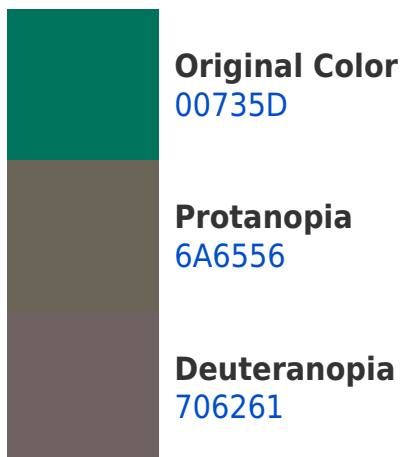


This preview shows how white text looks on a background with the Hex color 00735D.

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





Tritanopia
226F78

Trichromacy



Original Color
00735D



Protanomaly
436A59



Deuteranomaly
476860



Tritanomaly
16706E

Monochromacy



Original Color
00735D



Achromatopsia
4E4E4E



Achromatomaly
325B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 00735D 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 #00735D looks like.

```
.text, #text, p{  
    color:#00735D  
}
```

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 #00735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00735D
}
```

Border

The CSS property to change the border of an element to Hex 00735D 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
#00735D }
```

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

```
.border{ border-color:#00735D }
```

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

Here you see how a box with a 4 pixel #00735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00735D; -webkit-box-shadow:4px 4px  
4px 4px #00735D; box-shadow:4px 4px 4px  
4px #00735D }
```

Background

The CSS property to change the background color of an element to Hex 00735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00735D }
```

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

```
.background{ background-color:#00735D }
```

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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