

Converting Colors

Hex(00756D)

Have a look what the booklet for
Hex(00756D) contains.

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Color

Hex(00756D)

Conversions

Conversions Part 1

Format	Color
Hex	00756D
RGB	0, 117, 109
RGB Percent	0%, 46%, 43%
CMY	1.0000, 0.5412, 0.5725
CMYK	1.00, 0.00, 0.07, 0.54
HSL	176°, 100%, 23%
HSV	176°, 100%, 46%
XYZ	9.1216, 13.8267, 16.6561
YIQ	81.1050, -67.1640, -27.2920

Conversions

Conversions Part 2

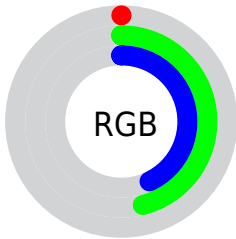
Format	Color
RYB	0, 61, 117
Decimal	30061
CIELab	43.98, -29.63, -3.54
CIELCh	44, 29.842, 186.820
Yxy	13.8267, 0.2303, 0.3491
Android (android.graphics.Color)	4278220141 (0xFF00756D)
YUV	81.1050, 13.7522, -71.1291
Hunter-Lab	37.1843, -21.2850, -0.5289

Details

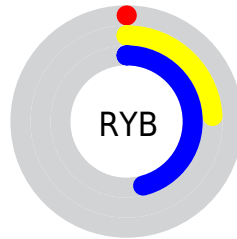
The Hex color **00756D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750008**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DAAA0**, and **00443E** is the 20% darker color. If you saturate the color by 10%, you get **00756D**, and if you desaturate by 10%, it is **0C756E**.

Distribution



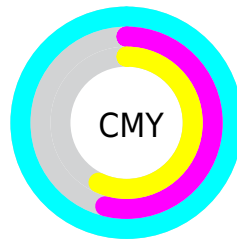
- Red (0%)
- Green (46%)
- Blue (43%)



- Red (0%)
- Yellow (24%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00756D 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 00756D by changing the saturation by 10% instead.

00756D

00756D

FFFFFF

005C55

4DAAA0

00443E

6AC5BB

002D28

86E1D7

001714

A2FEF3

000000

BFFFFFF

DCFFFF

FAFFFF

00756D

 0C756E

 17756F

 23756F

 2F7570

 3B7571

 467572

 527573

 5E7573

 697574

Harmonies

Analogous

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



387354



00756D



007485

Triad

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



00756D



725F90



88603B

Complementary

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



00756D



750008

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.



95584C



00756D



8B577C

Square

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



00756D



4B6999



975463



726836

Rectangle

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



00756D



007191



975463



8D5D3F

Sweetspot

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



00756D



6B9996



0A7500



314D4B



CCCCCC



4D4D4D

Same Dimension

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



00756D



00998F



004475



353B3A



007A72



00FAE9

Inverse Universe

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



750008



99000A



753100



3B3535



7A0008



FA0011

Previews

White Background



This preview shows how the Hex color 00756D 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

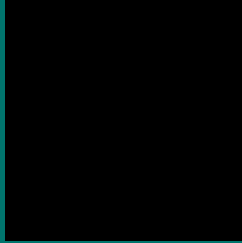
Any Text WCAG AA × Fail

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 00756D Background



This preview shows how black text looks on a background with the Hex color 00756D.

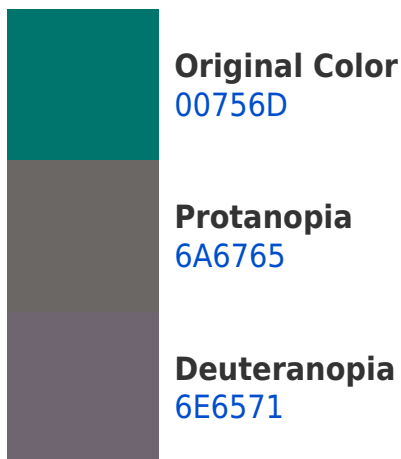


This preview shows how white text looks on a background with the Hex color 00756D.

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](#).

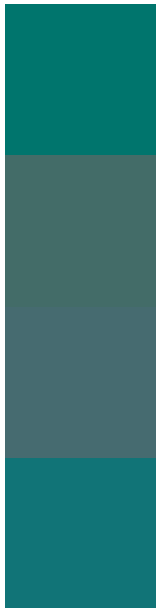
Dichromacy





Tritanopia
1B737C

Trichromacy



Original Color
00756D

Protanomaly
436C68

Deuteranomaly
466B70

Tritanomaly
117477

Monochromacy



Original Color
00756D

Achromatopsia
515151

Achromatomaly
345E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00756D 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 #00756D looks like.

```
.text, #text, p{  
    color:#00756D  
}
```

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 #00756D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00756D
}
```

Border

The CSS property to change the border of an element to Hex 00756D 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
#00756D }
```

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

```
.border{ border-color:#00756D }
```

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

Here you see how a box with a 4 pixel #00756D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00756D; -webkit-box-shadow:4px 4px  
4px 4px #00756D; box-shadow:4px 4px 4px  
4px #00756D }
```

Background

The CSS property to change the background color of an element to Hex 00756D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00756D }
```

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

```
.background{ background-color:#00756D }
```

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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