

Converting Colors

Hex(01756E)

Have a look what the booklet for
Hex(01756E) contains.

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Color

Hex(01756E)

Conversions

Conversions Part 1

Format	Color
Hex	01756E
RGB	1, 117, 110
RGB Percent	0%, 46%, 43%
CMY	0.9961, 0.5412, 0.5686
CMYK	0.99, 0.00, 0.06, 0.54
HSL	176°, 98%, 23%
HSV	176°, 99%, 46%
XYZ	9.1883, 13.8548, 16.9418
YIQ	81.5180, -66.8890, -26.7690

Conversions

Conversions Part 2

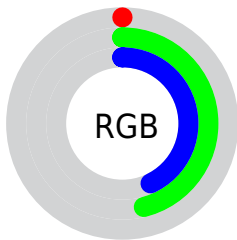
Format	Color
RYB	1, 61, 117
Decimal	95598
CIELab	44.02, -29.25, -4.08
CIELCh	44, 29.533, 187.944
Yxy	13.8548, 0.2298, 0.3465
Android (android.graphics.Color)	4278285678 (0xFF01756E)
YUV	81.5180, 14.0416, -70.6143
Hunter-Lab	37.2221, -21.0758, -0.9307

Details

The Hex color **01756E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750108**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4EAAA1**, and **00443F** is the 20% darker color. If you saturate the color by 10%, you get **00756E**, and if you desaturate by 10%, it is **0D756F**.

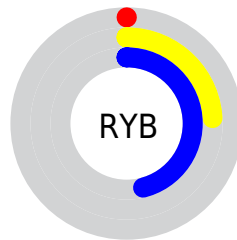
Distribution



Red (0%)

Green (46%)

Blue (43%)



Red (0%)

Yellow (24%)

Blue (46%)

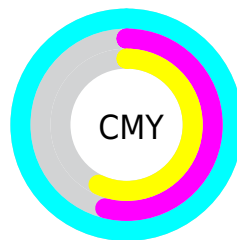


Cyan (99%)

Magenta (0%)

Yellow (6%)

Black (54%)



Cyan (100%)


Magenta (54%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01756E 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 01756E by changing the saturation by 10% instead.

 01756E

 01756E

FFFFFF

 005C56

 4EAAA1

 00443F

 6AC5BC

 002D29

 87E1D8

 001714

 A3FEF5

 000000

 C0FFFF

 D0FFFF

 F0FFFF

 01756E

 01756E

■ 00756E

■ 0D756F

■ 18756F

■ 247570

■ 307571

■ 3B7572

■ 477572

■ 537573

■ 5F7574

■ 6A7574

Harmonies

Analogous

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



377455



01756E



007485

Triad

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



01756E



735F8F



87603B

Complementary

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



01756E



750108

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.



94584B



01756E



8C577B

Square

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



01756E



4E6898



975462



716937

Rectangle

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



01756E



007191



975462



8C5D3F

Sweetspot

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



01756E



6B9996



097501



314D4B



CCCCCC



4D4D4D

Same Dimension

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



01756E



009990



014375



353B3A



007A73



00FAEB

Inverse Universe

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



750108



990009



753301



3B3535



7A0007



FA000F

Previews

White Background



This preview shows how the Hex color 01756E looks on a white background.

Color Contrast Check

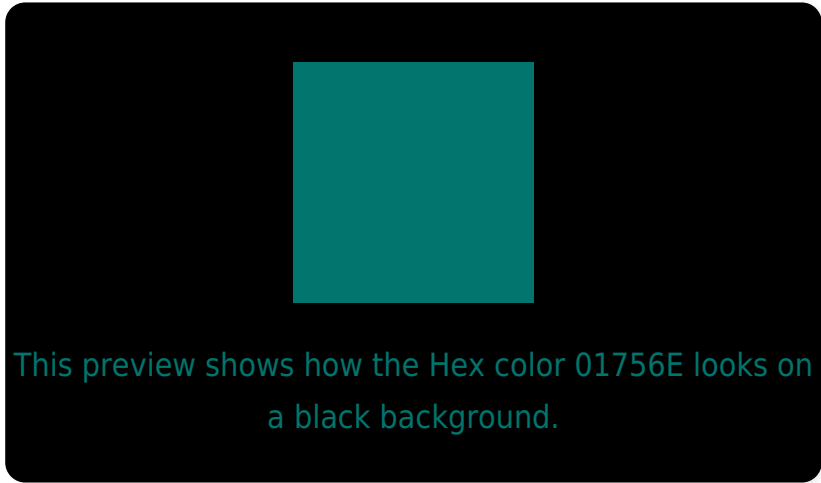
Large Text (above 18pt) WCAG AA ✓ Pass

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

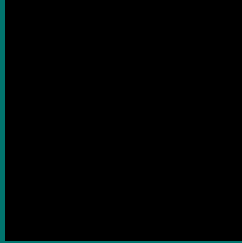
Any Text WCAG AA × Fail

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 01756E Background



This preview shows how black text looks on a background with the Hex color 01756E.

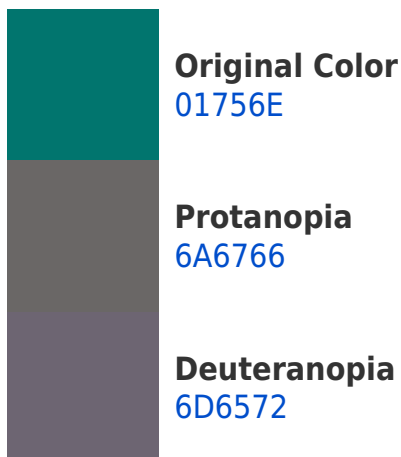


This preview shows how white text looks on a background with the Hex color 01756E.

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](#).

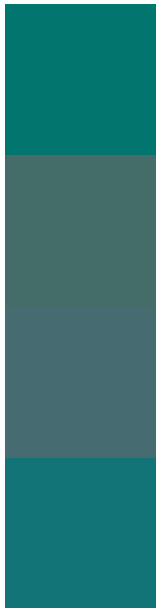
Dichromacy





Tritanopia
1B737C

Trichromacy



Original Color
01756E

Protanomaly
446C69

Deuteranomaly
466B71

Tritanomaly
127477

Monochromacy



Original Color
01756E

Achromatopsia
525252

Achromatomaly
355F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 01756E 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 #01756E looks like.

```
.text, #text, p{  
    color:#01756E  
}
```

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 #01756E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01756E
}
```

Border

The CSS property to change the border of an element to Hex 01756E 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
#01756E }
```

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

```
.border{ border-color:#01756E }
```

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

Here you see how a box with a 4 pixel #01756E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01756E; -webkit-box-shadow:4px 4px  
4px 4px #01756E; box-shadow:4px 4px 4px  
4px #01756E }
```

Background

The CSS property to change the background color of an element to Hex 01756E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01756E }
```

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

```
.background{ background-color:#01756E }
```

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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