

# Converting Colors

Hex(00706E)

Have a look what the booklet for  
Hex(00706E) contains.

<b>Hex(00706E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(00706E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00706E
RGB	0, 112, 110
RGB Percent	0%, 44%, 43%
CMY	1.0000, 0.5608, 0.5686
CMYK	1.00, 0.00, 0.02, 0.56
HSL	179°, 100%, 22%
HSV	179°, 100%, 44%
XYZ	8.6086, 12.7141, 16.7522
YIQ	78.2840, -66.1100, -24.3660

# Conversions

## Conversions Part 2

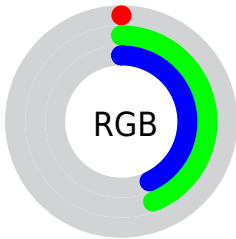
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 112
Decimal	28782
CIELab	42.33, -26.88, -6.60
CIELCh	42, 27.674, 193.799
Yxy	12.7141, 0.2261, 0.3339
Android (android.graphics.Color)	4278218862 (0xFF00706E)
YUV	78.2840, 15.6360, -68.6551
Hunter-Lab	35.6569, -19.3043, -2.8956

# Details

The Hex color **00706E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **700002**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DA4A1**, and **003F3F** is the 20% darker color. If you saturate the color by 10%, you get **00706E**, and if you desaturate by 10%, it is **0B706E**.

# Distribution



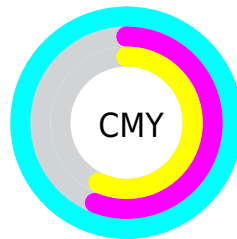
- Red (0%)
- Green (44%)
- Blue (43%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00706E 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 00706E by changing the saturation by 10% instead.



 00706E

 00706E

FFFFFF

 005756

 4DA4A1

 003F3F

 69C0BC

 002929

 85DCD8

 001015

 A1F8F5

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 00706E

 0B706E

 16706E

 22706F

 2D706F

 38706F

 43706F

 4E706F

 5A7070

 657070

# Harmonies

## Analogous

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



316F56



00706E



006E83

# Triad

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



00706E



745A85



7D5E38

# Complementary

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



00706E



700002

# 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.



8C5745



00706E



885371

# Square

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



00706E



536390



90525A



686637

# Rectangle

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



00706E



166C8C



90525A



835C3B



# Sweetspot

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



00706E



669191



047000



2F4A49



C9C9C9



4A4A4A



# Same Dimension

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



00706E



00918F



003C70



323838



007876



00F7F3



# Inverse Universe

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



700002



910003



703400



383233



780002



F70004



# Previews

## White Background



This preview shows how the Hex color 00706E looks on a white background.

## Color Contrast Check

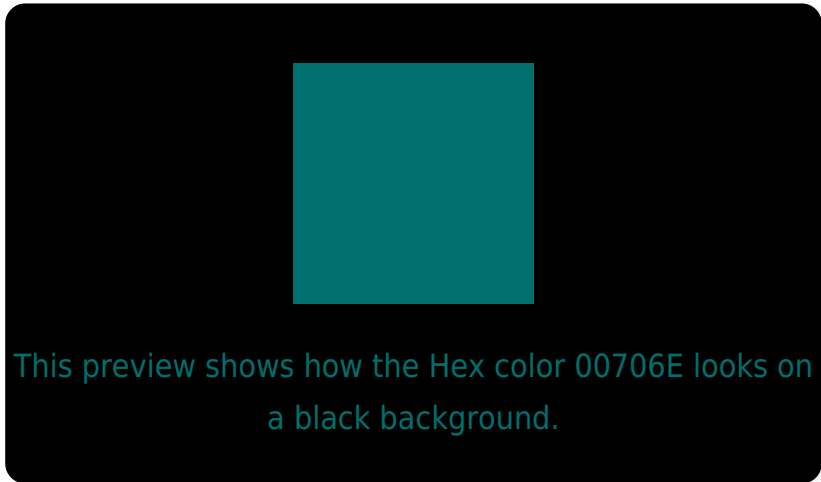
Large Text (above 18pt) WCAG AA ✓ Pass

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

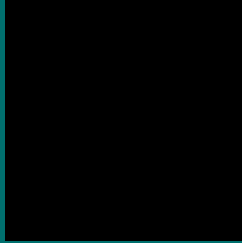
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00706E Background



This preview shows how black text looks on a background with the Hex color 00706E.

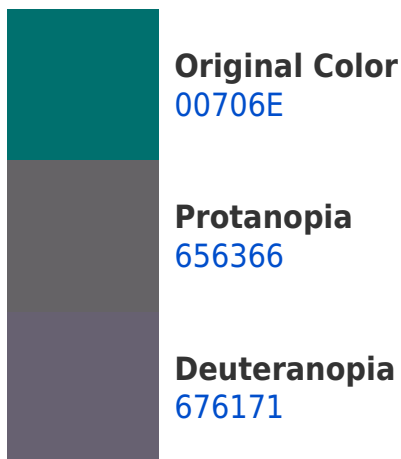


This preview shows how white text looks on a background with the Hex color 00706E.

# 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



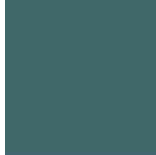


**Tritanopia**  
166F78

# Trichromacy



**Original Color**  
00706E



**Protanomaly**  
406869



**Deuteranomaly**  
426670



**Tritanomaly**  
0E6F74

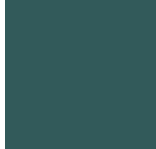
# Monochromacy



**Original Color**  
00706E



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
325A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00706E 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 #00706E looks like.

```
.text, #text, p{  
    color:#00706E  
}
```

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 #00706E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00706E
}
```

## Border

The CSS property to change the border of an element to Hex 00706E 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
#00706E }
```

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

```
.border{ border-color:#00706E }
```

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

Here you see how a box with a 4 pixel #00706E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00706E; -webkit-box-shadow:4px 4px  
4px 4px #00706E; box-shadow:4px 4px 4px  
4px #00706E }
```

# Background

The CSS property to change the background color of an element to Hex 00706E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00706E }
```

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

```
.background{ background-color:#00706E }
```

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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