

# Converting Colors

Hex(05806E)

Have a look what the booklet for  
Hex(05806E) contains.

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# Color

**Hex(05806E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05806E
RGB	5, 128, 110
RGB Percent	2%, 50%, 43%
CMY	0.9804, 0.4980, 0.5686
CMYK	0.96, 0.00, 0.14, 0.50
HSL	171°, 92%, 26%
HSV	171°, 96%, 50%
XYZ	10.5962, 16.5964, 17.3968
YIQ	89.1710, -67.5300, -31.6740

# Conversions

## Conversions Part 2

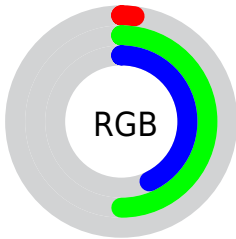
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 71, 128
Decimal	360558
CIELab	47.75, -34.13, 1.38
CIELCh	48, 34.158, 177.679
Yxy	16.5964, 0.2376, 0.3722
Android (android.graphics.Color)	4278550638 (0xFF05806E)
YUV	89.1710, 10.2687, -73.8180
Hunter-Lab	40.7387, -24.8644, 3.1982

# Details

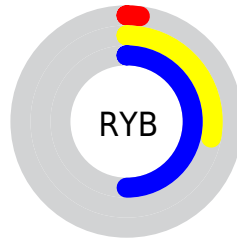
The Hex color **05806E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **800517**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B6A1**, and **004E3F** is the 20% darker color. If you saturate the color by 10%, you get **00806D**, and if you desaturate by 10%, it is **128070**.

# Distribution



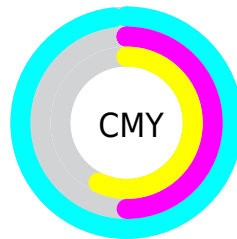
- Red (2%)
- Green (50%)
- Blue (43%)



- Red (2%)
- Yellow (28%)
- Blue (50%)



- Cyan (96%)
- Magenta (0%)
- Yellow (14%)
- Black (50%)



- Cyan (98%)
- Magenta (50%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05806E 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 05806E by changing the saturation by 10% instead.



 05806E

 05806E

FFFFFF

 006656

 52B6A1

 004E3F

 6ED1BC

 003629

 8BEED8

 002314

 A7FFF5

 000000

 C4FFFF

 E2FFFF

 05806E

 05806E

 00806D

 128070

■ 1F8072

■ 2B8074

■ 388075

■ 458077

■ 528079

■ 5F807B

■ 6B807D

■ 78807F

# Harmonies

## Analogous

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



457D51



05806E



00808B

# Triad

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



05806E



706BA4



9B6541

# Complementary

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



05806E



800517

# 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.



A75C58



05806E



936090

# Square

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



05806E



3C75AB



A55A75



856F37

# Rectangle

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



05806E



007E9B



A55A75



A16148



# Sweetspot

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



05806E



76A69F



178005



375450



D4D4D4



545454



# Same Dimension

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



05806E



00A68D



055580



39403F



00806D



000000



# Inverse Universe

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



800517



A60018



803005



40393A



800013



000000



# Previews

## White Background



This preview shows how the Hex color 05806E looks on a white background.

## Color Contrast Check

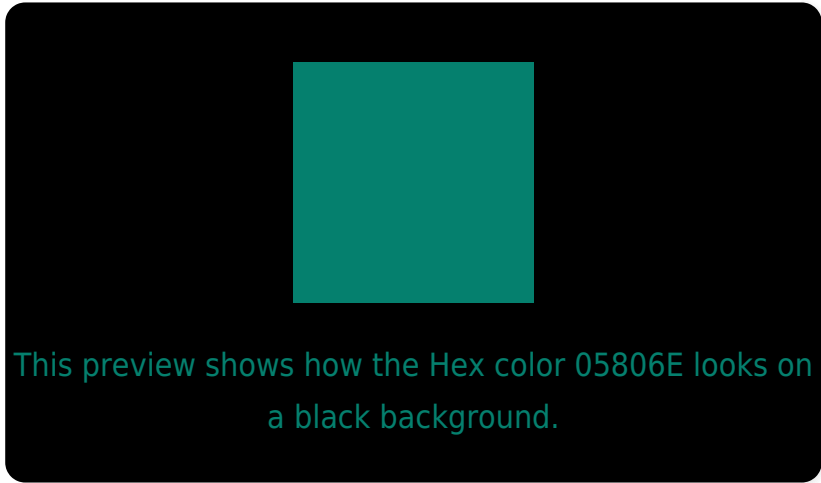
Large Text (above 18pt) WCAG AA ✓ Pass

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

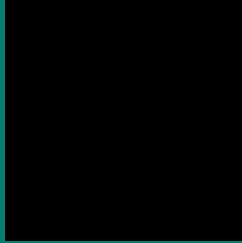
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 05806E Background



This preview shows how black text looks on a background with the Hex color 05806E.

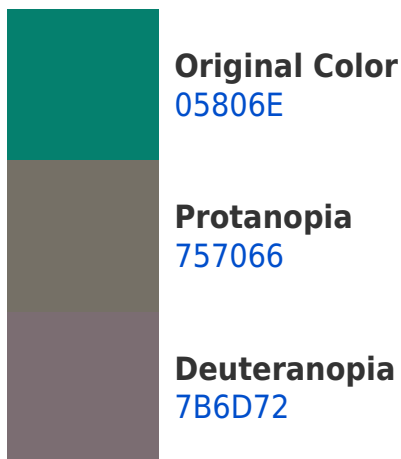



This preview shows how white text looks on a background with the Hex color 05806E.

# 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**  
237D87

# Trichromacy



**Original Color**  
05806E



**Protanomaly**  
4C7669



**Deuteranomaly**  
507471



**Tritanomaly**  
187E7E

# Monochromacy



**Original Color**  
05806E



**Achromatopsia**  
595959



**Achromatomaly**  
3A6761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05806E 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 #05806E looks like.

```
.text, #text, p{  
    color:#05806E  
}
```

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 #05806E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05806E
}
```

## Border

The CSS property to change the border of an element to Hex 05806E 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
#05806E }
```

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

```
.border{ border-color:#05806E }
```

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

Here you see how a box with a 4 pixel #05806E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05806E; -webkit-box-shadow:4px 4px  
4px 4px #05806E; box-shadow:4px 4px 4px  
4px #05806E }
```

# Background

The CSS property to change the background color of an element to Hex 05806E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05806E }
```

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

```
.background{ background-color:#05806E }
```

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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