

Converting Colors

Hex(00806F)

Have a look what the booklet for
Hex(00806F) contains.

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Color

Hex(00806F)

Conversions

Conversions Part 1

Format	Color
Hex	00806F
RGB	0, 128, 111
RGB Percent	0%, 50%, 44%
CMY	1.0000, 0.4980, 0.5647
CMYK	1.00, 0.00, 0.13, 0.50
HSL	172°, 100%, 25%
HSV	172°, 100%, 50%
XYZ	10.5884, 16.5860, 17.6823
YIQ	87.7900, -70.8310, -32.4230

Conversions

Conversions Part 2

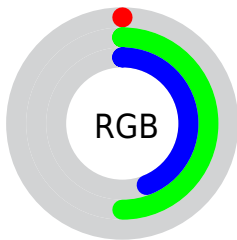
Format	Color
RYB	0, 69, 128
Decimal	32879
CIELab	47.73, -34.13, 0.77
CIELCh	48, 34.140, 178.707
Yxy	16.5860, 0.2360, 0.3698
Android (android.graphics.Color)	4278222959 (0xFF00806F)
YUV	87.7900, 11.4425, -76.9918
Hunter-Lab	40.7260, -24.8619, 2.7658

Details

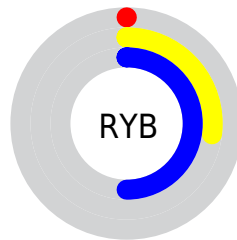
The Hex color **00806F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **800011**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **50B6A3**, and **004E3F** is the 20% darker color. If you saturate the color by 10%, you get **00806F**, and if you desaturate by 10%, it is **0D8071**.

Distribution



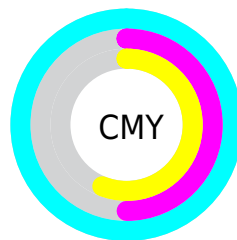
- Red (0%)
- Green (50%)
- Blue (44%)



- Red (0%)
- Yellow (27%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00806F 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 00806F by changing the saturation by 10% instead.

 00806F

 00806F

FFFFFF

 006657

 50B6A3

 004E3F

 6DD1BE

 00362A

 8AEED9

 002315

 A6FFF6

 000000

 C3FFFF

 E1FFFF

 00806F

 0D8071

 1A8072

 268074

 338076

 408078

 4D8079

 5A807B

 66807D

 73807E

Harmonies

Analogous

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



437D52



00806F



00808C

Triad

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



00806F



726AA4



9B6541

Complementary

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



00806F



800011

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.



A75C57



00806F



946090

Square

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



00806F



3E75AA



A65A74



846F37

Rectangle

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



00806F



007E9C



A65A74



A06247

Sweetspot

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



00806F



74A69F



118000



365450



D4D4D4



545454

Same Dimension

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



00806F



00A690



005180



39403F



000000

Inverse Universe

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



800011



A60016



802F00



40393A



000000

Previews

White Background



This preview shows how the Hex color 00806F looks on a white background.

Color Contrast Check

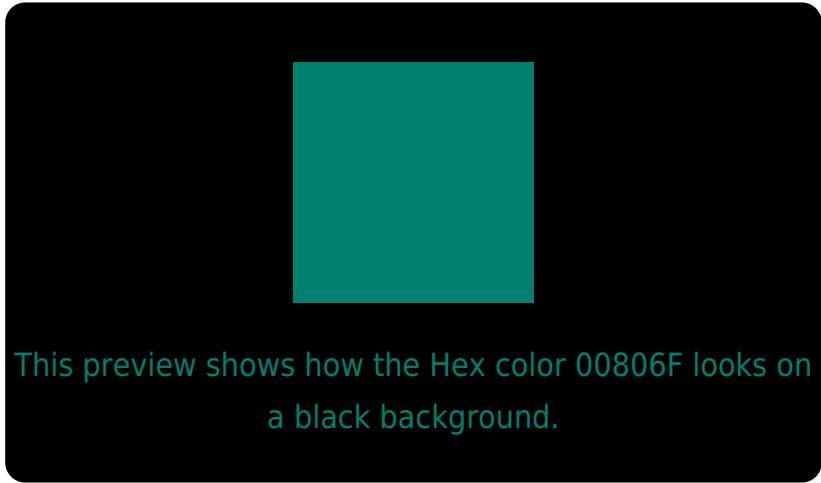
Large Text (above 18pt) WCAG AA ✓ Pass

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 00806F Background



This preview shows how black text looks on a background with the Hex color 00806F.

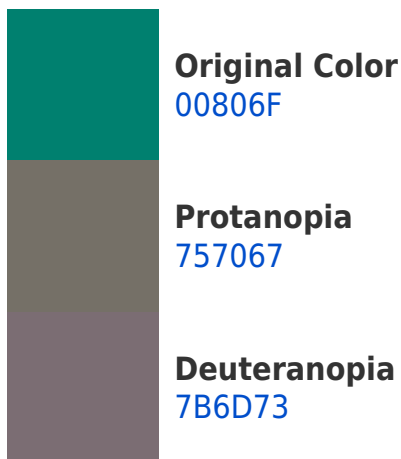


This preview shows how white text looks on a background with the Hex color 00806F.

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
00806F

Protanomaly
4A766A

Deuteranomaly
4E7472

Tritanomaly
167E7E

Monochromacy



Original Color
00806F

Achromatopsia
585858

Achromatomaly
386760

CSS Examples

Text

The CSS property to change the color of the text to Hex 00806F 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 #00806F looks like.

```
.text, #text, p{  
    color:#00806F  
}
```

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 #00806F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00806F
}
```

Border

The CSS property to change the border of an element to Hex 00806F 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
#00806F }
```

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

```
.border{ border-color:#00806F }
```

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

Here you see how a box with a 4 pixel #00806F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00806F; -webkit-box-shadow:4px 4px  
4px 4px #00806F; box-shadow:4px 4px 4px  
4px #00806F }
```

Background

The CSS property to change the background color of an element to Hex 00806F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00806F }
```

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

```
.background{ background-color:#00806F }
```

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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