

Converting Colors

Hex(00976F)

Have a look what the booklet for
Hex(00976F) contains.

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Color

Hex(00976F)

Conversions

Conversions Part 1

Format	Color
Hex	00976F
RGB	0, 151, 111
RGB Percent	0%, 59%, 44%
CMY	1.0000, 0.4078, 0.5647
CMYK	1.00, 0.00, 0.26, 0.41
HSL	164°, 100%, 30%
HSV	164°, 100%, 59%
XYZ	13.9359, 23.2809, 18.7981
YIQ	101.2910, -77.1560, -44.4520

Conversions

Conversions Part 2

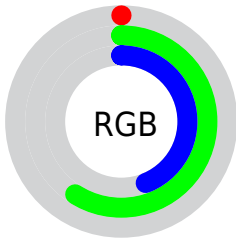
Format	Color
RYB	0, 87, 151
Decimal	38767
CIELab	55.36, -43.93, 11.67
CIELCh	55, 45.458, 165.124
Yxy	23.2809, 0.2488, 0.4156
Android (android.graphics.Color)	4278228847 (0xFF00976F)
YUV	101.2910, 4.7865, -88.8322
Hunter-Lab	48.2503, -32.8829, 10.6761

Details

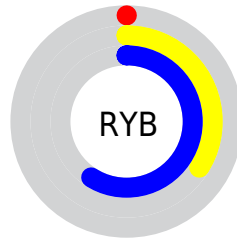
The Hex color **00976F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **970028**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **56CEA3**, and **00633F** is the 20% darker color. If you saturate the color by 10%, you get **00976F**, and if you desaturate by 10%, it is **0F9773**.

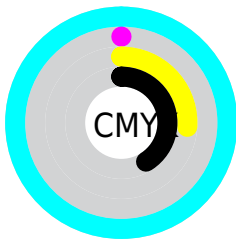
Distribution



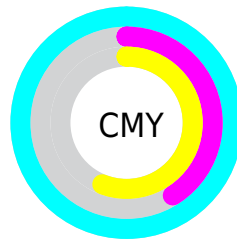
- Red (0%)
- Green (59%)
- Blue (44%)



- Red (0%)
- Yellow (34%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)





- Cyan (100%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00976F 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 00976F by changing the saturation by 10% instead.

 00976F

 00976F

FFFFFF

 007C57

 56CEA3

 00633F

 74EBBE

 004A29

 91FFDA

 003214

 AFFFF6

 001B00

 CCFFFF

 000000

 EAFFFF

 00976F

 0F9773

 1E9777

 2D977B

 3C977F

 4C9783

 5B9787

 6A978B

 79978F

 889793

Harmonies

Analogous

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



5B924B



00976F



009898

Triad

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



00976F



6582D1



C56D4E

Complementary

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



00976F



970028

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.



CE6372



00976F



A172BD

Square

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



00976F



008ED0



C3659A



AC7B36

Rectangle

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



00976F



0097B1



C3659A



CA6959

Sweetspot

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



00976F



89C4B5



289700



40635A



E3E3E3



636363

Same Dimension

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



00976F



00C490



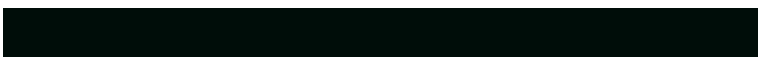
007497



454D4A



008C67



000D09

Inverse Universe

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



970028



C40034



972300



4D4547



8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 00976F looks on a white background.

Color Contrast Check

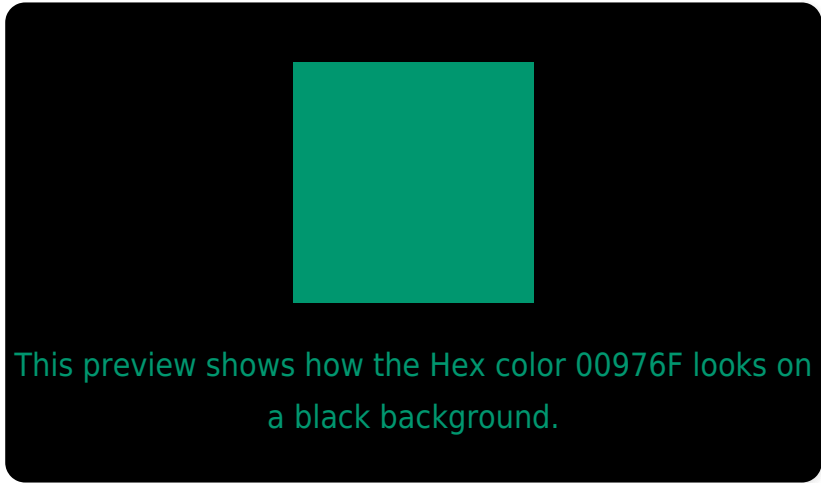
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

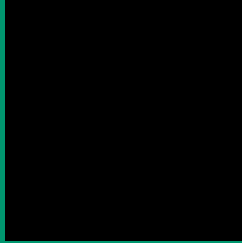
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 00976F Background



This preview shows how black text looks on a background with the Hex color 00976F.



This preview shows how white text looks on a background with the Hex color 00976F.

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



Original Color
00976F

Protanopia
8D8466

Deuteranopia
967F74



Tritanopia
31919D

Trichromacy



Original Color
00976F

Protanomaly
5A8B69

Deuteranomaly
5F8872

Tritanomaly
1F938C

Monochromacy



Original Color
00976F

Achromatopsia
656565

Achromatomaly
407769

CSS Examples

Text

The CSS property to change the color of the text to Hex 00976F 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 #00976F looks like.

```
.text, #text, p{  
    color:#00976F  
}
```

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 #00976F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00976F
}
```

Border

The CSS property to change the border of an element to Hex 00976F 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
#00976F }
```

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

```
.border{ border-color:#00976F }
```

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

Here you see how a box with a 4 pixel #00976F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00976F; -webkit-box-shadow:4px 4px  
4px 4px #00976F; box-shadow:4px 4px 4px  
4px #00976F }
```

Background

The CSS property to change the background color of an element to Hex 00976F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00976F }
```

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

```
.background{ background-color:#00976F }
```

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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