

Converting Colors

Hex(008F76)

Have a look what the booklet for
Hex(008F76) contains.

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Color

Hex(008F76)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 008F76 |
| RGB | 0, 143, 118 |
| RGB Percent | 0%, 56%, 46% |
| CMY | 1.0000, 0.4392, 0.5373 |
| CMYK | 1.00, 0.00, 0.17, 0.44 |
| HSL | 170°, 100%, 28% |
| HSV | 170°, 100%, 56% |
| XYZ | 13.0925, 20.9529, 20.4938 |
| YIQ | 97.3930, -77.2030, -38.0910 |

Conversions

Conversions Part 2

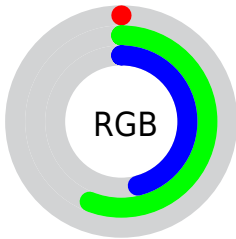
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 78, 143 |
| Decimal | 36726 |
| CIELab | 52.90, -38.75, 4.17 |
| CIELCh | 53, 38.973, 173.855 |
| Yxy | 20.9529, 0.2401, 0.3842 |
| Android (android.graphics.Color) | 4278226806 (0xFF008F76) |
| YUV | 97.3930, 10.1593, -85.4137 |
| Hunter-Lab | 45.7744, -29.0502, 5.4971 |

Details

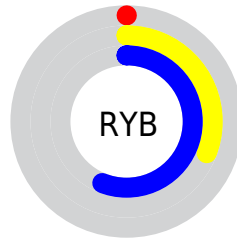
The Hex color **008F76** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F0019**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55C6AA**, and **005C46** is the 20% darker color. If you saturate the color by 10%, you get **008F76**, and if you desaturate by 10%, it is **0E8F78**.

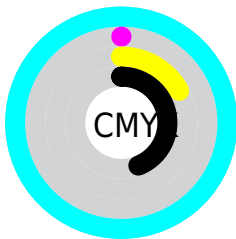
Distribution



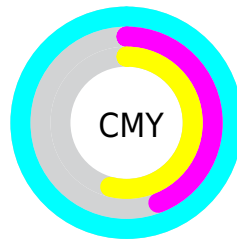
- Red (0%)
- Green (56%)
- Blue (46%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008F76 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 008F76 by changing the saturation by 10% instead.

 008F76

 008F76

FFFFFF

 00755D

 55C6AA

 005C46

 72E2C5

 004330

 8FFFE1

 002C1B

 ACFFFE

 001200

 CAFFFF

 000000

 E7FFFF

 008F76

 0E8F78

 1D8F7B

 2B8F7D

 398F80

 488F83

 568F85

 648F88

 728F8A

 818F8D

Harmonies

Analogous

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



508B55



008F76



008F98

Triad

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



008F76



7678BC



B16E49

Complementary

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



008F76



8F0019

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.



BD6465



008F76



A16BA6

Square

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



008F76



3184C1



B96387



987A3A

Rectangle

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



008F76



008DAC



B96387



B76A51

Sweetspot

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



008F76



82BAB0



1A8F00



3C5E58



DEDEDE



5E5E5E

Same Dimension

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



008F76



00BA9A



00628F



404746



008770



000806

Inverse Universe

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



8F0019



BA0021



8F2D00



474042



870018



080001

Previews

White Background



This preview shows how the Hex color 008F76 looks on a white background.

Color Contrast Check

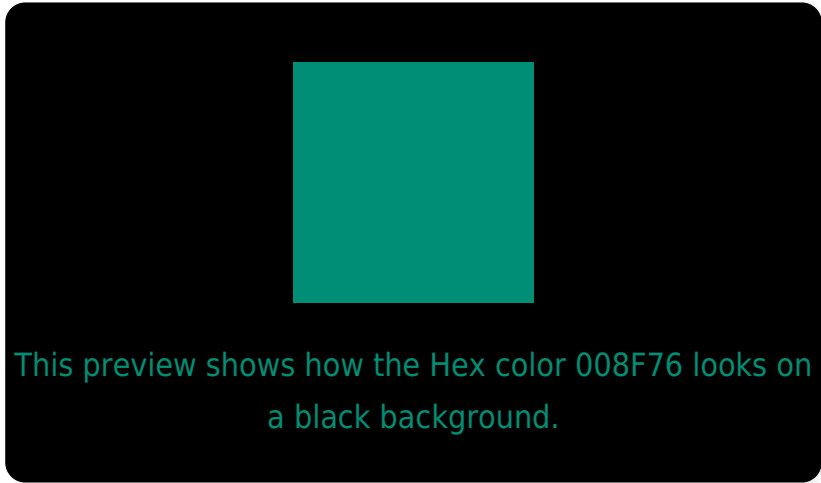
Large Text (above 18pt) WCAG AA ✓ Pass

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 008F76 Background



This preview shows how black text looks on a background with the Hex color 008F76.

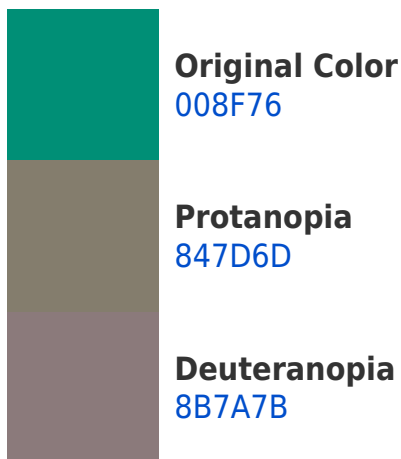


This preview shows how white text looks on a background with the Hex color 008F76.

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
2A8B96

Trichromacy



Original Color
008F76



Protanomaly
548470



Deuteranomaly
588279



Tritanomaly
1B8C8A

Monochromacy



Original Color
008F76



Achromatopsia
616161



Achromatomaly
3E7269

CSS Examples

Text

The CSS property to change the color of the text to Hex 008F76 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 #008F76 looks like.

```
.text, #text, p{  
    color:#008F76  
}
```

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 #008F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F76
}
```

Border

The CSS property to change the border of an element to Hex 008F76 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
#008F76 }
```

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

```
.border{ border-color:#008F76 }
```

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

Here you see how a box with a 4 pixel #008F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F76; -webkit-box-shadow:4px 4px  
4px 4px #008F76; box-shadow:4px 4px 4px  
4px #008F76 }
```

Background

The CSS property to change the background color of an element to Hex 008F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F76 }
```

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

```
.background{ background-color:#008F76 }
```

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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