

# Converting Colors

Hex(078F6C)

Have a look what the booklet for  
Hex(078F6C) contains.

<b>Hex(078F6C)</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(078F6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	078F6C
RGB	7, 143, 108
RGB Percent	3%, 56%, 42%
CMY	0.9725, 0.4392, 0.5765
CMYK	0.95, 0.00, 0.24, 0.44
HSL	165°, 91%, 29%
HSV	165°, 95%, 56%
XYZ	12.6169, 20.7728, 17.5319
YIQ	98.3460, -69.8210, -39.7170

# Conversions

## Conversions Part 2

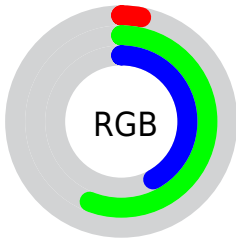
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 85, 143
Decimal	495468
CIELab	52.70, -41.06, 9.64
CIELCh	53, 42.178, 166.785
Yxy	20.7728, 0.2478, 0.4079
Android (android.graphics.Color)	4278685548 (0xFF078F6C)
YUV	98.3460, 4.7594, -80.1104
Hunter-Lab	45.5772, -30.3470, 9.0973

# Details

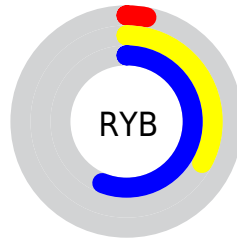
The Hex color **078F6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F072A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **56C69F**, and **005B3D** is the 20% darker color. If you saturate the color by 10%, you get **008F6A**, and if you desaturate by 10%, it is **158F70**.

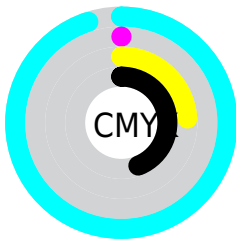
# Distribution



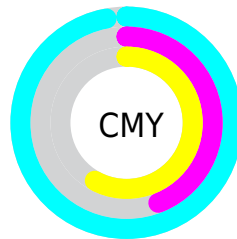
- Red (3%)
- Green (56%)
- Blue (42%)



- Red (3%)
- Yellow (33%)
- Blue (56%)



- Cyan (95%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (97%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 078F6C 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 078F6C by changing the saturation by 10% instead.



 078F6C

 078F6C


FFFFFF

 007554

 56C69F

 005B3D

 73E2BA

 004327

 90FFD6

 002C12

 ADFFF3

 001100

 CAFFFF

 000000

 E8FFFF

 078F6C

 078F6C

 008F6A

 158F70

 248F73

 328F77

 408F7B

 4F8F7E

 5D8F82

 6B8F86

 798F89

 888F8D

# Harmonies

## Analogous

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



568A4A



078F6C



009092

# Triad

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



078F6C



657BC3



B8694A

# Complementary

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



078F6C



8F072A

# 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.



C2606B



078F6C



9A6CB0

# Square

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



078F6C



0086C4



B9618F



A07636

# Rectangle

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



078F6C



008FA8



B9618F



BD6554



# Sweetspot

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



078F6C



84BAAC



2B8F07



3D5E56



DEDEDE



5E5E5E



# Same Dimension

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



078F6C



00BA8A



076F8F



404746



008764



000806



# Inverse Universe

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



8F072A



BA0030



8F2707



474042



870023



080002



# Previews

## White Background



This preview shows how the Hex color 078F6C looks on a white background.

## Color Contrast Check

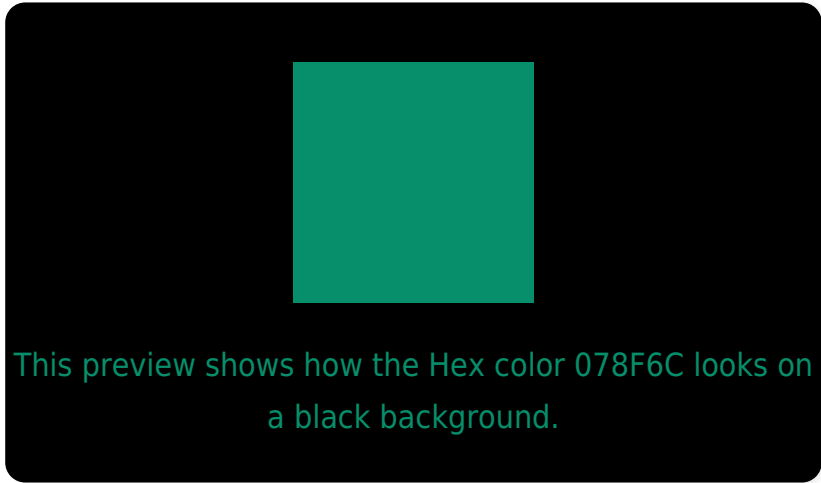
Large Text (above 18pt) WCAG AA ✓ Pass

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

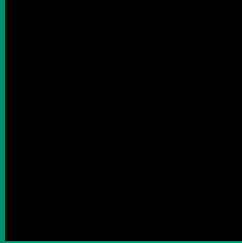
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 078F6C Background



This preview shows how black text looks on a background with the Hex color 078F6C.



This preview shows how white text looks on a background with the Hex color 078F6C.

# 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**  
078F6C

**Protanopia**  
857D63

**Deuteranopia**  
8E7971



**Tritanopia**  
2E8A95

# Trichromacy



**Original Color**

078F6C



**Protanomaly**

578466



**Deuteranomaly**

5D816F



**Tritanomaly**

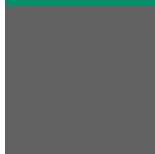
208C86

# Monochromacy



**Original Color**

078F6C



**Achromatopsia**

626262



**Achromatomaly**

417266

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 078F6C 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 #078F6C looks like.

```
.text, #text, p{  
    color:#078F6C  
}
```

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 #078F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078F6C
}
```

## Border

The CSS property to change the border of an element to Hex 078F6C 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
#078F6C }
```

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

```
.border{ border-color:#078F6C }
```

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

Here you see how a box with a 4 pixel #078F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078F6C; -webkit-box-shadow:4px 4px  
4px 4px #078F6C; box-shadow:4px 4px 4px  
4px #078F6C }
```

# Background

The CSS property to change the background color of an element to Hex 078F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078F6C }
```

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

```
.background{ background-color:#078F6C }
```

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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