

# Converting Colors

Hex(008C6E)

Have a look what the booklet for  
Hex(008C6E) contains.

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# Color

Hex(008C6E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008C6E
RGB	0, 140, 110
RGB Percent	0%, 55%, 43%
CMY	1.0000, 0.4510, 0.5686
CMYK	1.00, 0.00, 0.21, 0.45
HSL	167°, 100%, 27%
HSV	167°, 100%, 55%
XYZ	12.1926, 19.8820, 17.9468
YIQ	94.7200, -73.8100, -39.0100

# Conversions

## Conversions Part 2

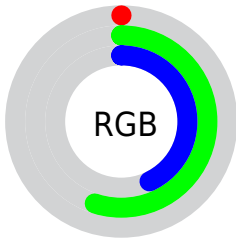
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 140
Decimal	35950
CIELab	51.70, -39.66, 7.07
CIELCh	52, 40.284, 169.888
Yxy	19.8820, 0.2437, 0.3975
Android (android.graphics.Color)	4278226030 (0xFF008C6E)
YUV	94.7200, 7.5330, -83.0694
Hunter-Lab	44.5892, -29.2217, 7.3486

# Details

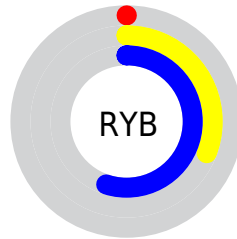
The Hex color **008C6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C001E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **53C2A2**, and **00593E** is the 20% darker color. If you saturate the color by 10%, you get **008C6E**, and if you desaturate by 10%, it is **0E8C71**.

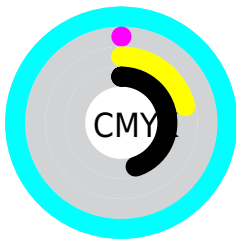
# Distribution



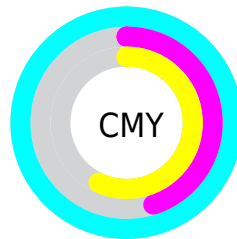
- Red (0%)
- Green (55%)
- Blue (43%)



- Red (0%)
- Yellow (31%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008C6E 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 008C6E by changing the saturation by 10% instead.



 008C6E

 008C6E

FFFFFF

 007256

 53C2A2

 00593E

 71DFBD

 004029

 8EFC D8

 002A14

 ABFF F5

 000C00

 C8FF FF

 000000

 E5FF FF

 008C6E

 0E8C71

 1C8C74

 2A8C77

 388C7A

 468C7D

 548C80

 628C83

 708C86

 7E8C89

# Harmonies

## Analogous

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



51884D



008C6E



008D92

# Triad

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



008C6E



6B77BC



B16948

# Complementary

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



008C6E



8C001E

# 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.



BC5F66



008C6E



9A69A8

# Square

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



008C6E



0C82BF



B55F88



9A7536

# Rectangle

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



008C6E



008BA6



B55F88



B76551



# Sweetspot

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



008C6E



7FB5A9



1E8C00



3B5C55



DBDBDB



5C5C5C



# Same Dimension

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



008C6E



00B58E



00648C



3E4543



008568



000504



# Inverse Universe

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



8C001E



B50027



8C2800



453E3F



85001C



050001



# Previews

## White Background



This preview shows how the Hex color 008C6E looks on a white background.

## Color Contrast Check

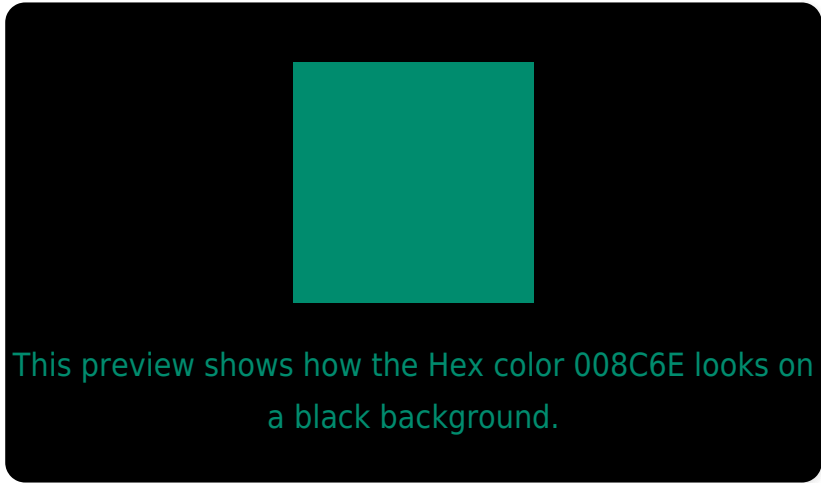
Large Text (above 18pt) WCAG AA ✓ Pass

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 008C6E Background



This preview shows how black text looks on a background with the Hex color 008C6E.

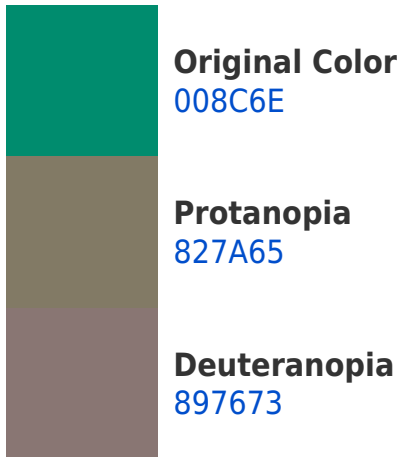


This preview shows how white text looks on a background with the Hex color 008C6E.

# 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**  
2B8792

# Trichromacy



**Original Color**  
008C6E



**Protanomaly**  
538168



**Deuteranomaly**  
577E71



**Tritanomaly**  
1B8985

# Monochromacy



**Original Color**  
008C6E



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3C6F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008C6E 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 #008C6E looks like.

```
.text, #text, p{  
    color:#008C6E  
}
```

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 #008C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C6E
}
```

## Border

The CSS property to change the border of an element to Hex 008C6E 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
#008C6E }
```

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

```
.border{ border-color:#008C6E }
```

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

Here you see how a box with a 4 pixel #008C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C6E; -webkit-box-shadow:4px 4px  
4px 4px #008C6E; box-shadow:4px 4px 4px  
4px #008C6E }
```

# Background

The CSS property to change the background color of an element to Hex 008C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C6E }
```

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

```
.background{ background-color:#008C6E }
```

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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