

# Converting Colors

Hex(008A6D)

Have a look what the booklet for  
Hex(008A6D) contains.

<b>Hex(008A6D)</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(008A6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008A6D
RGB	0, 138, 109
RGB Percent	0%, 54%, 43%
CMY	1.0000, 0.4588, 0.5725
CMYK	1.00, 0.00, 0.21, 0.46
HSL	167°, 100%, 27%
HSV	167°, 100%, 54%
XYZ	11.8488, 19.2811, 17.5651
YIQ	93.4320, -72.9390, -38.2750

# Conversions

## Conversions Part 2

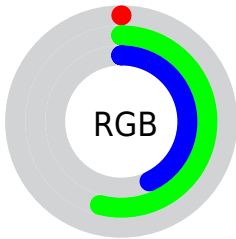
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 138
Decimal	35437
CIELab	51.01, -39.08, 6.67
CIELCh	51, 39.645, 170.318
Yxy	19.2811, 0.2433, 0.3960
Android (android.graphics.Color)	4278225517 (0xFF008A6D)
YUV	93.4320, 7.6750, -81.9399
Hunter-Lab	43.9102, -28.6762, 7.0198

# Details

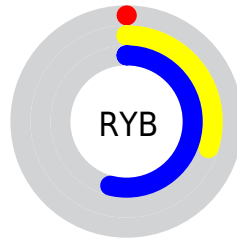
The Hex color **008A6D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A001D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53C0A0**, and **00573E** is the 20% darker color. If you saturate the color by 10%, you get **008A6D**, and if you desaturate by 10%, it is **0E8A70**.

# Distribution



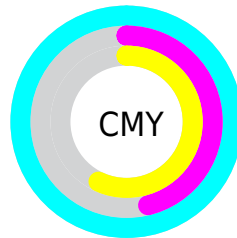
- Red (0%)
- Green (54%)
- Blue (43%)



- Red (0%)
- Yellow (30%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008A6D 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 008A6D by changing the saturation by 10% instead.



 008A6D

 008A6D

FFFFFF

 007055

 53C0A0

 00573E

 70DCBB

 003F28

 8DF9D7

 002913

 AAFF4

 000700

 C7FFFF

 000000

 E4FFFF

 008A6D

 0E8A70

 1C8A73

 298A76

 378A79

 458A7B

 538A7E

 618A81

 6E8A84

 7C8A87

# Harmonies

## Analogous

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



4F864D



008A6D



008B90

# Triad

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



008A6D



6A75B9



AF6747

# Complementary

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



008A6D



8A001D

# 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.



B95E64



008A6D



9968A5

# Square

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



008A6D



1380BC



B35E86



977435

# Rectangle

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



008A6D



0089A4



B35E86



B4644F



# Sweetspot

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



008A6D



7DB3A7



1E8A00



395952



D9D9D9



595959



# Same Dimension

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



008A6D



00B38D



00638A



3E4543



008569



000504



# Inverse Universe

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



8A001D



B30026



8A2700



453E3F



85001C



050001



# Previews

## White Background



This preview shows how the Hex color 008A6D looks on a white background.

## Color Contrast Check

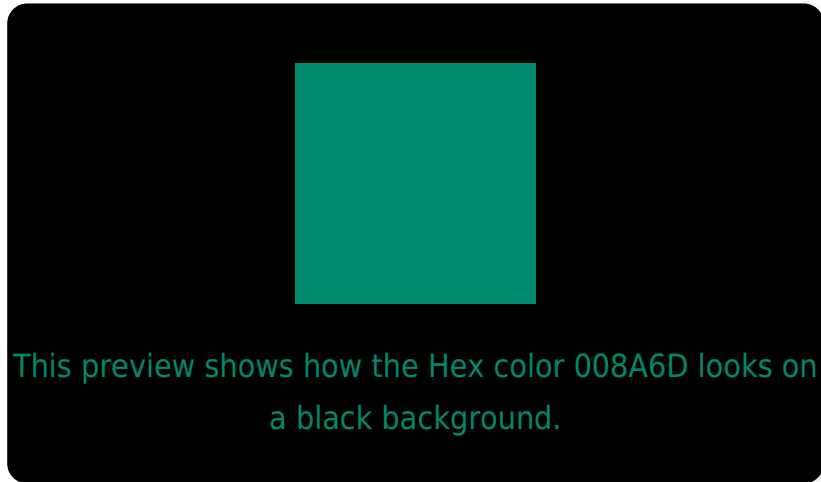
Large Text (above 18pt) WCAG AA ✓ Pass

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

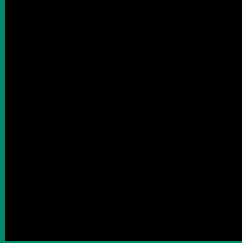
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008A6D Background



This preview shows how black text looks on a background with the Hex color 008A6D.

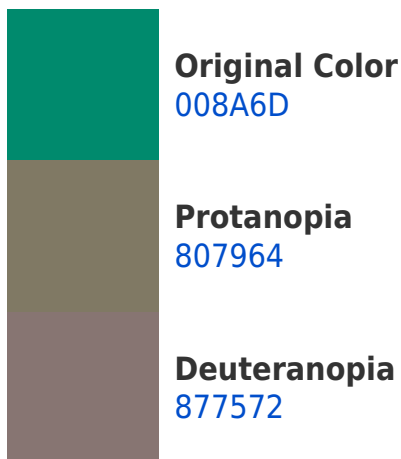


This preview shows how white text looks on a background with the Hex color 008A6D.

# 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**  
2A8590

# Trichromacy



**Original Color**  
008A6D



**Protanomaly**  
517F67



**Deuteranomaly**  
567D70



**Tritanomaly**  
1B8783

# Monochromacy



**Original Color**  
008A6D



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008A6D 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 #008A6D looks like.

```
.text, #text, p{  
    color:#008A6D  
}
```

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 #008A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A6D
}
```

## Border

The CSS property to change the border of an element to Hex 008A6D 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
#008A6D }
```

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

```
.border{ border-color:#008A6D }
```

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

Here you see how a box with a 4 pixel #008A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A6D; -webkit-box-shadow:4px 4px  
4px 4px #008A6D; box-shadow:4px 4px 4px  
4px #008A6D }
```

# Background

The CSS property to change the background color of an element to Hex 008A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A6D }
```

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

```
.background{ background-color:#008A6D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor