

# Converting Colors

Hex(008169)

Have a look what the booklet for  
Hex(008169) contains.

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**Color**

**Hex(008169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008169
RGB	0, 129, 105
RGB Percent	0%, 51%, 41%
CMY	1.0000, 0.4941, 0.5882
CMYK	1.00, 0.00, 0.19, 0.49
HSL	169°, 100%, 25%
HSV	169°, 100%, 51%
XYZ	10.4001, 16.7204, 16.0438
YIQ	87.6930, -69.1800, -34.8120

# Conversions

## Conversions Part 2

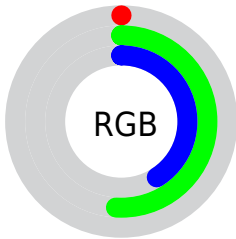
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 129
Decimal	33129
CIELab	47.91, -36.31, 4.55
CIELCh	48, 36.590, 172.863
Yxy	16.7204, 0.2409, 0.3874
Android (android.graphics.Color)	4278223209 (0xFF008169)
YUV	87.6930, 8.5324, -76.9068
Hunter-Lab	40.8906, -26.1592, 5.3604

# Details

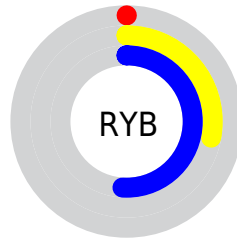
The Hex color **008169** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **810018**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **50B79C**, and **004F3A** is the 20% darker color. If you saturate the color by 10%, you get **008169**, and if you desaturate by 10%, it is **0D816B**.

# Distribution



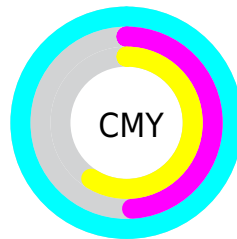
- Red (0%)
- Green (51%)
- Blue (41%)



- Red (0%)
- Yellow (28%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008169 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 008169 by changing the saturation by 10% instead.



 008169

 008169

FFFFFF

 006751

 50B79C

 004F3A

 6DD3B7

 003724

 89EFD3

 00230F

 A6FFE0

 000000

 C3FFFF

 E0FFFF

 FEFFFF

 008169

 0D816B

 1A816E

 278170

 348173

 418175

 4D8177

 5A817A

 67817C

 74817F

# Harmonies

## Analogous

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



487E4B



008169



008189

# Triad

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



008169



686CAB



A16241

# Complementary

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



008169



810018

# 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.



AC595B



008169



916197

# Square

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



008169



2677AF



A7597A



8B6D33

# Rectangle

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



008169



00809B



A7597A



A65F49



# Sweetspot

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



008169



76A89F



1A8100



36544F



D4D4D4



545454



# Same Dimension

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



008169



00A889



005A81



39403F



008068



000000



# Inverse Universe

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



810018



A8001F



812700



40393B



800018



000000



# Previews

## White Background



This preview shows how the Hex color 008169 looks on a white background.

## Color Contrast Check

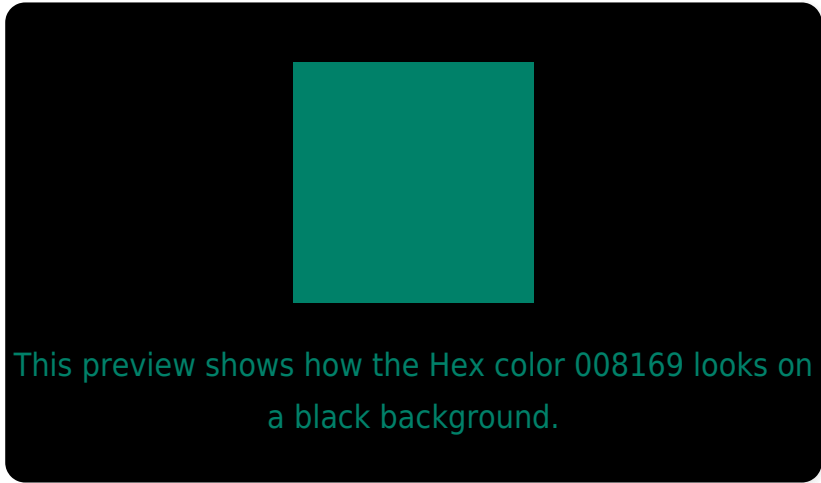
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

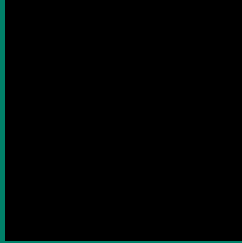
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 008169 Background



This preview shows how black text looks on a background with the Hex color 008169.

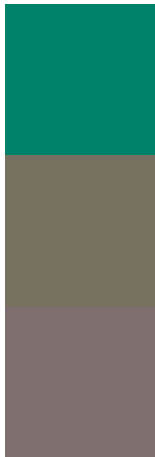


This preview shows how white text looks on a background with the Hex color 008169.

# 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**  
008169

**Protanopia**  
777161

**Deuteranopia**  
7E6E6D



**Tritanopia**  
267D87

# Trichromacy



**Original Color**  
008169



**Protanomaly**  
4C7764



**Deuteranomaly**  
50756C



**Tritanomaly**  
187E7C

# Monochromacy



**Original Color**  
008169



**Achromatopsia**  
585858



**Achromatomaly**  
38675E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008169 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 #008169 looks like.

```
.text, #text, p{  
    color:#008169  
}
```

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 #008169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008169
}
```

## Border

The CSS property to change the border of an element to Hex 008169 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
#008169 }
```

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

```
.border{ border-color:#008169 }
```

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

Here you see how a box with a 4 pixel #008169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008169; -webkit-box-shadow:4px 4px  
4px 4px #008169; box-shadow:4px 4px 4px  
4px #008169 }
```

# Background

The CSS property to change the background color of an element to Hex 008169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008169 }
```

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

```
.background{ background-color:#008169 }
```

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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