

# Converting Colors

Hex(008549)

Have a look what the booklet for  
Hex(008549) contains.

<b>Hex(008549)</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(008549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008549
RGB	0, 133, 73
RGB Percent	0%, 52%, 29%
CMY	1.0000, 0.4784, 0.7137
CMYK	1.00, 0.00, 0.45, 0.48
HSL	153°, 100%, 26%
HSV	153°, 100%, 52%
XYZ	9.5901, 17.2561, 9.1286
YIQ	86.3930, -60.0080, -46.8560

# Conversions

## Conversions Part 2

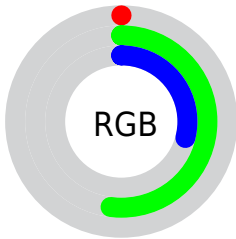
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 133
Decimal	34121
CIELab	48.58, -45.59, 23.81
CIELCh	49, 51.438, 152.423
Yxy	17.2561, 0.2666, 0.4797
Android (android.graphics.Color)	4278224201 (0xFF008549)
YUV	86.3930, -6.6027, -75.7667
Hunter-Lab	41.5405, -31.4869, 16.0492

# Details

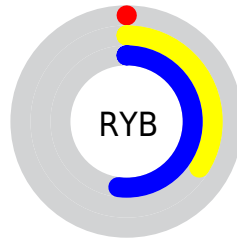
The Hex color **008549** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **85003C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50BB7A**, and **00521B** is the 20% darker color. If you saturate the color by 10%, you get **008549**, and if you desaturate by 10%, it is **0D854F**.

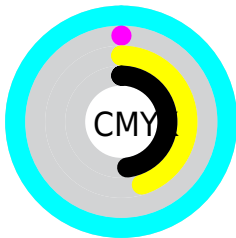
# Distribution



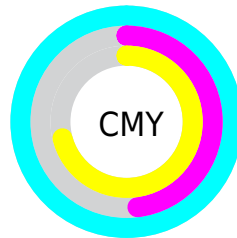
- Red (0%)
- Green (52%)
- Blue (29%)



- Red (0%)
- Yellow (34%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008549 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 008549 by changing the saturation by 10% instead.



 008549

 008549

FFFFFF

 006B32

 50BB7A

 00521B

 6DD794

 003A04

 8AF4AF

 002400

 A6FFCB

 000000

 C3FFE7

 E1FFFF

FEFFFF

 008549

 0D854F

 1B8555

 28855B

 358561

 438567

 50856D

 5D8573

 6A8579

 78857F

# Harmonies

## Analogous

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



5A7E23



008549



008876

# Triad

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



008549



0077CB



BE5147

# Complementary

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



008549



85003C

# 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.



C04972



008549



7866BD

# Square

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



008549



0082C0



AB539C



A96224

# Rectangle

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



008549



008893



AB539C



C14C55



# Sweetspot

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



008549



79AD96



3E8500



375749



D6D6D6



575757



# Same Dimension

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



008549



00AD5F



008185



3C423F



008247



000301



# Inverse Universe

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



85003C



AD004E



850400



423C3F



82003B



030001



# Previews

## White Background



This preview shows how the Hex color 008549 looks on a white background.

## Color Contrast Check

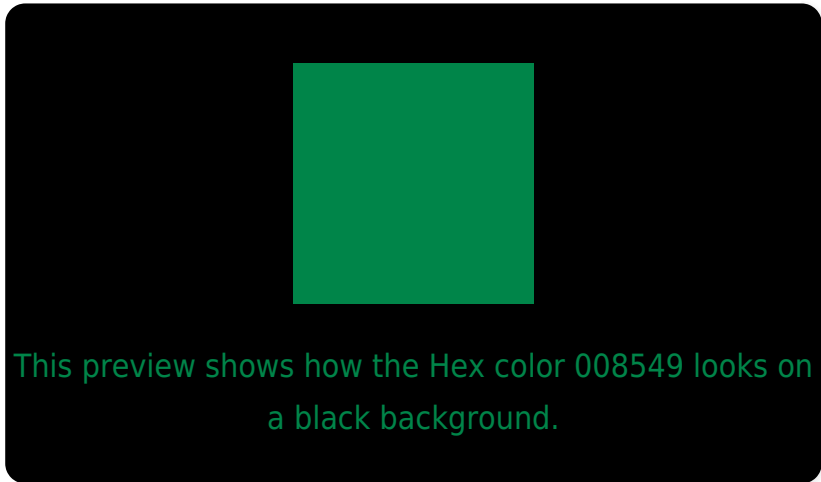
Large Text (above 18pt) WCAG AA ✓ Pass

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 008549 Background



This preview shows how black text looks on a background with the Hex color 008549.



This preview shows how white text looks on a background with the Hex color 008549.

# 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**  
008549

**Protanopia**  
7E7342

**Deuteranopia**  
896E4F



**Tritanopia**  
327E88

# Trichromacy



**Original Color**  
008549



**Protanomaly**  
507A45



**Deuteranomaly**  
57764D



**Tritanomaly**  
208171

# Monochromacy



**Original Color**  
008549



**Achromatopsia**  
565656



**Achromatomaly**  
376751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008549 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 #008549 looks like.

```
.text, #text, p{  
    color:#008549  
}
```

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 #008549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008549
}
```

## Border

The CSS property to change the border of an element to Hex 008549 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
#008549 }
```

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

```
.border{ border-color:#008549 }
```

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

Here you see how a box with a 4 pixel #008549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008549; -webkit-box-shadow:4px 4px  
4px 4px #008549; box-shadow:4px 4px 4px  
4px #008549 }
```

# Background

The CSS property to change the background color of an element to Hex 008549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008549 }
```

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

```
.background{ background-color:#008549 }
```

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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