

# Converting Colors

Hex(008611)

Have a look what the booklet for  
Hex(008611) contains.

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**Color**

**Hex(008611)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008611
RGB	0, 134, 17
RGB Percent	0%, 53%, 7%
CMY	1.0000, 0.4745, 0.9333
CMYK	1.00, 0.00, 0.87, 0.47
HSL	128°, 100%, 26%
HSV	128°, 100%, 53%
XYZ	8.6263, 17.0907, 3.3745
YIQ	80.5960, -42.3070, -64.7950

# Conversions

## Conversions Part 2

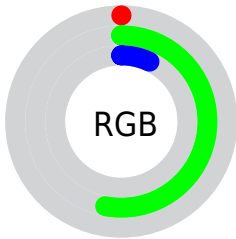
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 134
Decimal	34321
CIELab	48.37, -52.78, 48.17
CIELCh	48, 71.453, 137.614
Yxy	17.0907, 0.2965, 0.5875
Android (android.graphics.Color)	4278224401 (0xFF008611)
YUV	80.5960, -31.3528, -70.6827
Hunter-Lab	41.3409, -35.1003, 24.0990

# Details

The Hex color **008611** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **860075**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **53BC49**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **008611**, and if you desaturate by 10%, it is **0D861D**.

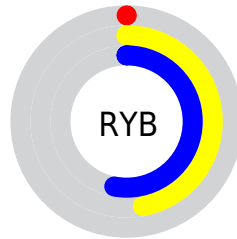
# Distribution



Red (0%)

Green (53%)

Blue (7%)



Red (0%)

Yellow (47%)

Blue (53%)

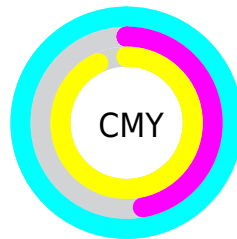


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (47%)



Cyan (100%)

Magenta (47%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008611 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 008611 by changing the saturation by 10% instead.



 008611

 008611

FFFFFF

 006C00

 53BC49

 005300

 70D963

 003A00

 8DF67E

 002400

 AAF99

 000000

 C8FFB4

 E5FFD0

 FFFFED

 008611

 0D861D

 1B8628

 288634

 368640

 43864C

 508657

 5E8663

 6B866F

 79867A

# Harmonies

## Analogous

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



6A7B00



008611



008B57

# Triad

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



008611



0081EA



DB2752

# Complementary

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



008611



860075

# 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.



D02A8F



008611



146EE7

# Square

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



008611



008BCC



A04FC5



C84916

# Rectangle

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



008611



008D81



A04FC5



DB2166



# Sweetspot

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



008611



79AD80



768600



37573B



D6D6D6



575757



# Same Dimension

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



008611



00AD16



008653



3C423D



008210



000300



# Inverse Universe

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



860075



AD0097



860033



423C41



820072

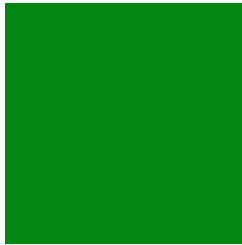


030002



# Previews

## White Background



This preview shows how the Hex color 008611 looks on a white background.

## Color Contrast Check

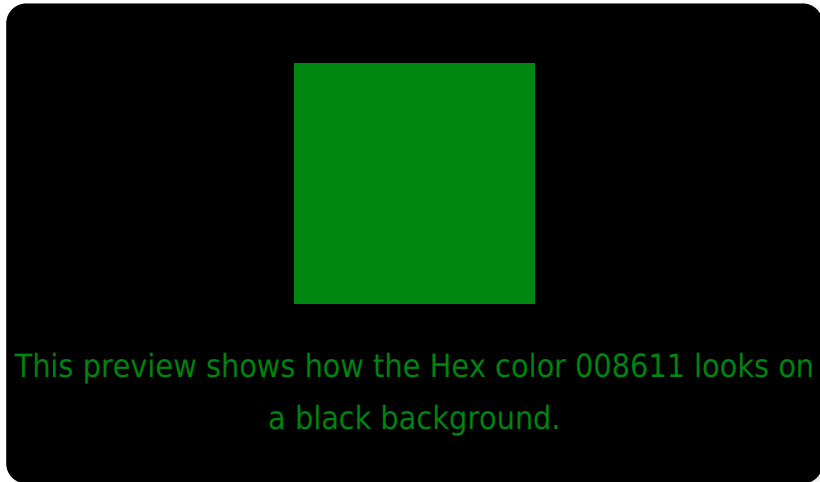
Large Text (above 18pt) WCAG AA ✓ Pass

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 008611 Background



This preview shows how black text looks on a background with the Hex color 008611.



This preview shows how white text looks on a background with the Hex color 008611.

# 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**  
008611

**Protanopia**  
81730A

**Deuteranopia**  
906D21



**Tritanopia**  
387D87

# Trichromacy



**Original Color**  
008611



**Protanomaly**  
527A0D



**Deuteranomaly**  
5C761B



**Tritanomaly**  
24805C

# Monochromacy



**Original Color**  
008611



**Achromatopsia**  
515151



**Achromatomaly**  
34643A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008611 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 #008611 looks like.

```
.text, #text, p{  
    color:#008611  
}
```

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 #008611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008611
}
```

## Border

The CSS property to change the border of an element to Hex 008611 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".

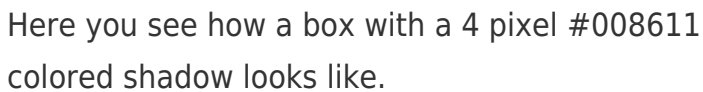
```
.border, #border, table{ border:4px solid
#008611 }
```

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

```
.border{ border-color:#008611 }
```

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

Here you see how a box with a 4 pixel #008611 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008611; -webkit-box-shadow:4px 4px  
4px 4px #008611; box-shadow:4px 4px 4px  
4px #008611 }
```

# Background

The CSS property to change the background color of an element to Hex 008611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008611 }
```

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

```
.background{ background-color:#008611 }
```

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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