

# Converting Colors

Hex(006819)

Have a look what the booklet for  
Hex(006819) contains.

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**Color**

**Hex(006819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006819
RGB	0, 104, 25
RGB Percent	0%, 41%, 10%
CMY	1.0000, 0.5922, 0.9020
CMYK	1.00, 0.00, 0.76, 0.59
HSL	134°, 100%, 20%
HSV	134°, 100%, 41%
XYZ	5.1258, 9.9708, 2.5741
YIQ	63.8980, -36.6250, -46.6170

# Conversions

## Conversions Part 2

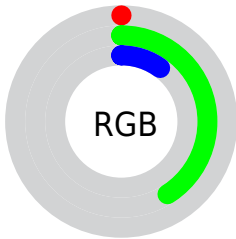
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 104
Decimal	26649
CIELab	37.79, -42.95, 35.34
CIELCh	38, 55.619, 140.550
Yxy	9.9708, 0.2901, 0.5643
Android (android.graphics.Color)	4278216729 (0xFF006819)
YUV	63.8980, -19.1767, -56.0385
Hunter-Lab	31.5766, -26.2834, 17.2703

# Details

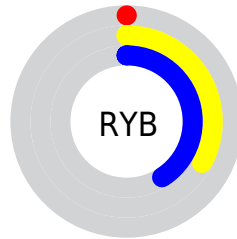
The Hex color **006819** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **68004F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **489C4A**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **006819**, and if you desaturate by 10%, it is **0A6821**.

# Distribution



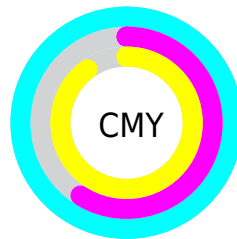
- Red (0%)
- Green (41%)
- Blue (10%)



- Red (0%)
- Yellow (33%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006819 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 006819 by changing the saturation by 10% instead.



 006819

 006819

FFFFFF

 004F00

 489C4A

 003700

 64B863

 002200

 7FD47C

 000000

 9BF097

 B7FFB2

 D4FFCE

 F1FFEA

 006819

 0A6821

 156829

 1F6831

 2A6839

 346841

 3E6848

 496850

 536858

 5E6860

# Harmonies

## Analogous

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



4F6000



006819



006C49

# Triad

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



006819



0063B2



A7273C

# Complementary

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



006819



68004F

# 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.



A12669



006819



3253AE

# Square

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



006819



006A9E



803D93



973D11

# Rectangle

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



006819



006D68



803D93



A7234B



# Sweetspot

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



006819



5F8768



506800



2C4532



C4C4C4



454545



# Same Dimension

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



006819



008720



00684C



2E332F



00731C



00F23A



# Inverse Universe

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



68004F



870067



68001C



332E32



730057

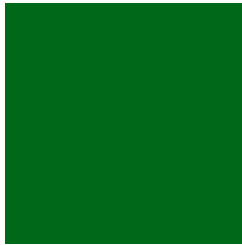


F200B8



# Previews

## White Background



This preview shows how the Hex color 006819 looks on a white background.

## Color Contrast Check

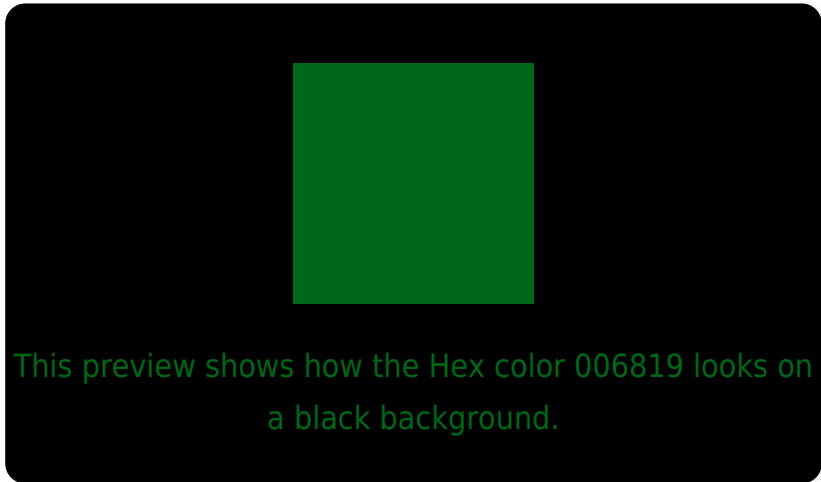
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 006819 Background



This preview shows how black text looks on a background with the Hex color 006819.



This preview shows how white text looks on a background with the Hex color 006819.

# 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**  
006819

**Protanopia**  
645915

**Deuteranopia**  
6F5521



**Tritanopia**  
2B6169

# Trichromacy



**Original Color**  
006819



**Protanomaly**  
405E16



**Deuteranomaly**  
475C1E



**Tritanomaly**  
1B644C

# Monochromacy



**Original Color**  
006819



**Achromatopsia**  
404040



**Achromatomaly**  
294F32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006819 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 #006819 looks like.

```
.text, #text, p{  
    color:#006819  
}
```

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 #006819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006819
}
```

## Border

The CSS property to change the border of an element to Hex 006819 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".

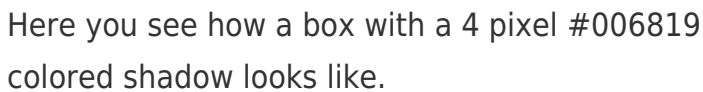
```
.border, #border, table{ border:4px solid
#006819 }
```

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

```
.border{ border-color:#006819 }
```

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

Here you see how a box with a 4 pixel #006819 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006819; -webkit-box-shadow:4px 4px  
4px 4px #006819; box-shadow:4px 4px 4px  
4px #006819 }
```

# Background

The CSS property to change the background color of an element to Hex 006819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006819 }
```

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

```
.background{ background-color:#006819 }
```

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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