

# Converting Colors

Hex(006C04)

Have a look what the booklet for  
Hex(006C04) contains.

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**Color**

**Hex(006C04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006C04
RGB	0, 108, 4
RGB Percent	0%, 42%, 2%
CMY	1.0000, 0.5765, 0.9843
CMYK	1.00, 0.00, 0.96, 0.58
HSL	122°, 100%, 21%
HSV	122°, 100%, 42%
XYZ	5.3845, 10.7339, 1.9029
YIQ	63.8520, -30.9840, -55.2400

# Conversions

## Conversions Part 2

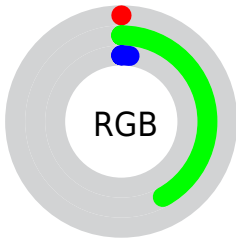
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 108
Decimal	27652
CIELab	39.13, -45.59, 43.15
CIELCh	39, 62.772, 136.578
Yxy	10.7339, 0.2988, 0.5956
Android (android.graphics.Color)	4278217732 (0xFF006C04)
YUV	63.8520, -29.5070, -55.9982
Hunter-Lab	32.7626, -27.9984, 19.4901

# Details

The Hex color **006C04** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6C0068**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4AA13D**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **006C04**, and if you desaturate by 10%, it is **0B6C0E**.

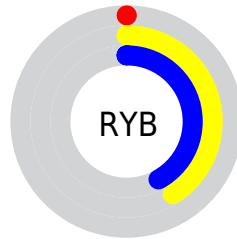
# Distribution



Red (0%)

Green (42%)

Blue (2%)



Red (0%)

Yellow (41%)

Blue (42%)

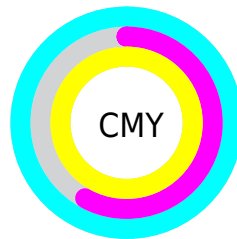


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006C04 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 006C04 by changing the saturation by 10% instead.



 006C04

 006C04

 FFFFFB

 005300

 4AA13D

 003B00

 67BC56

 002600

 83D870

 000000

 9FF58A

 BBFA5

 D8FFC1

 F6FFDE

 006C04

 0B6C0E

 166C19

 206C23


 2B6C2E

 366C38

 416C42

 4C6C4D

 566C57

 616C62

# Harmonies

## Analogous

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



566200



006C04



007143

# Triad

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



006C04



0069C0



B41843

# Complementary

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



006C04



6C0068

# 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.



AA1D75



006C04



0059BF

# Square

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



006C04



0070A6



803EA3



A4380F

# Rectangle

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



006C04



007266



803EA3



B41353



# Sweetspot

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



006C04



628C64



686C00



2E472F



C7C7C7



474747



# Same Dimension

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



006C04



008C05



006C3A



303630



007504



00F509



# Inverse Universe

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



6C0068



8C0087



6C0032



363035



750071

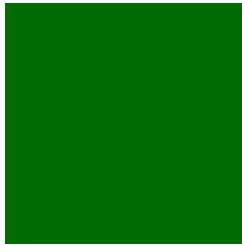


F500EC



# Previews

## White Background



This preview shows how the Hex color 006C04 looks on a white background.

## Color Contrast Check

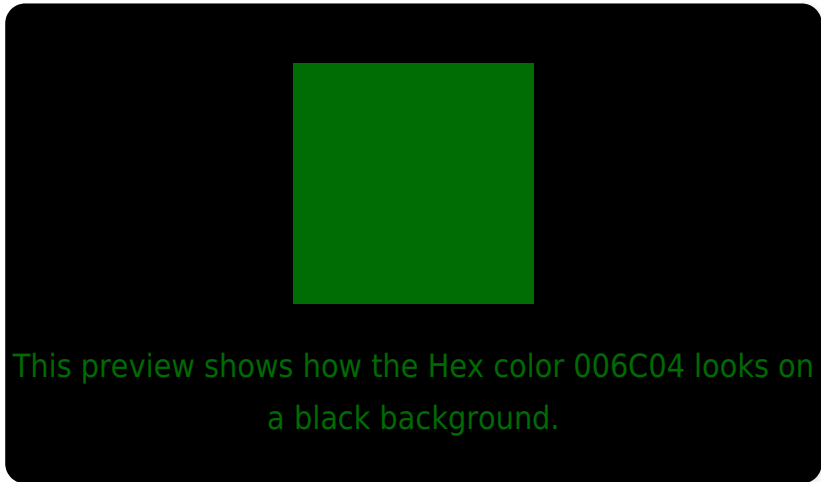
Large Text (above 18pt) WCAG AA ✓ Pass

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

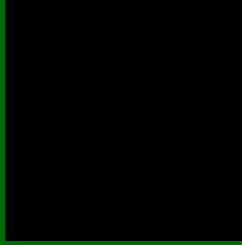
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006C04 Background



This preview shows how black text looks on a background with the Hex color 006C04.



This preview shows how white text looks on a background with the Hex color 006C04.

# 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**  
006C04

**Protanopia**  
685C00

**Deuteranopia**  
745818



**Tritanopia**  
2D646D

# Trichromacy



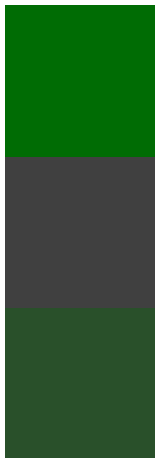
**Original Color**  
006C04

**Protanomaly**  
426201

**Deuteranomaly**  
4A5F11

**Tritanomaly**  
1D6747

# Monochromacy



**Original Color**  
006C04

**Achromatopsia**  
404040

**Achromatomaly**  
29502A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006C04 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 #006C04 looks like.

```
.text, #text, p{  
    color:#006C04  
}
```

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 #006C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C04
}
```

## Border

The CSS property to change the border of an element to Hex 006C04 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
#006C04 }
```

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

```
.border{ border-color:#006C04 }
```

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

Here you see how a box with a 4 pixel #006C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C04; -webkit-box-shadow:4px 4px  
4px 4px #006C04; box-shadow:4px 4px 4px  
4px #006C04 }
```

# Background

The CSS property to change the background color of an element to Hex 006C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C04 }
```

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

```
.background{ background-color:#006C04 }
```

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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