

# Converting Colors

Hex(006000)

Have a look what the booklet for  
Hex(006000) contains.

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**Color**

**Hex(006000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006000
RGB	0, 96, 0
RGB Percent	0%, 38%, 0%
CMY	1.0000, 0.6235, 1.0000
CMYK	1.00, 0.00, 1.00, 0.62
HSL	120°, 100%, 19%
HSV	120°, 100%, 38%
XYZ	4.1829, 8.3657, 1.3943
YIQ	56.3520, -26.4000, -50.2080

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 96
Decimal	24576
CIELab	34.73, -42.15, 40.68
CIELCh	35, 58.578, 136.016
Yxy	8.3657, 0.3000, 0.6000
Android (android.graphics.Color)	4278214656 (0xFF006000)
YUV	56.3520, -27.7815, -49.4207
Hunter-Lab	28.9236, -24.8020, 17.3884

# Details

The Hex color **006000** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **600060**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **469437**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **006000**, and if you desaturate by 10%, it is **0A600A**.

# Distribution



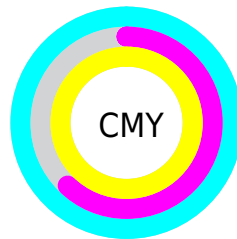
- Red (0%)
- Green (38%)
- Blue (0%)



- Red (0%)
- Yellow (38%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006000 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 006000 by changing the saturation by 10% instead.



 006000

 006000

 FFFFF3

 004700

 469437

 003000

 62AF50

 001900

 7DCA6A

 000000

 99E784

 B5FF9F

 D2FFBA

 EFFF66

 006000

 0A600A

 136013

 1D601D

 266026

 306030

 3A603A

 436043

 4D604D

 566056

# Harmonies

## Analogous

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



4D5700



006000



006439

# Triad

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



006000



005EAD



A2113B

# Complementary

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



006000



600060

# 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.



98176A



006000



004FAD

# Square

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



006000



006495



713793



942F0C

# Rectangle

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



006000



00655A



713793



A10B4A



# Sweetspot

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



006000



577D57



606000



294029



BFBFBF



404040



# Same Dimension

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



006000



007D00



006030



2C302C



007000



00F000



# Inverse Universe

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



600060



7D007D



600030



302C30



700070

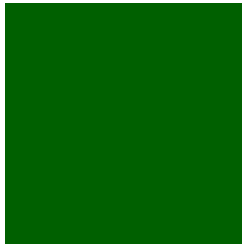


F000F0



# Previews

## White Background



This preview shows how the Hex color 006000 looks on a white background.

## Color Contrast Check

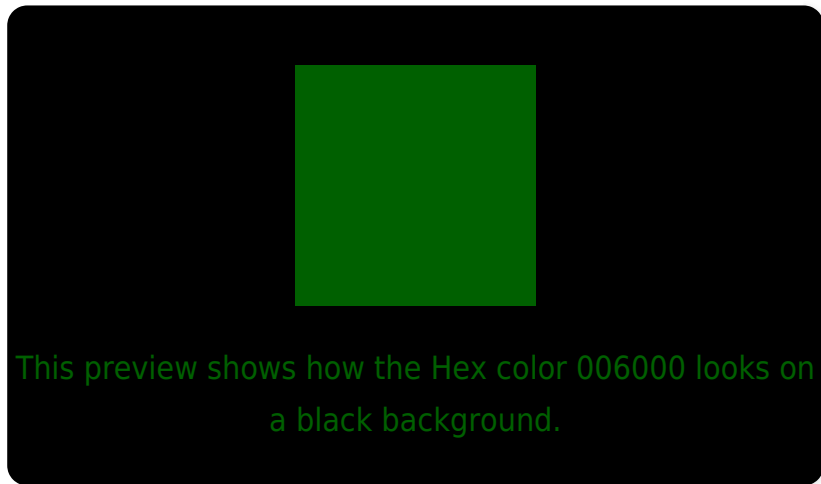
Large Text (above 18pt) WCAG AA ✓ Pass

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

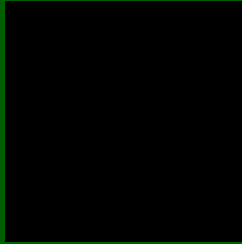
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006000 Background



This preview shows how black text looks on a background with the Hex color 006000.



This preview shows how white text looks on a background with the Hex color 006000.

# 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**  
006000

**Protanopia**  
5C5200

**Deuteranopia**  
674E15



**Tritanopia**  
285960

# Trichromacy



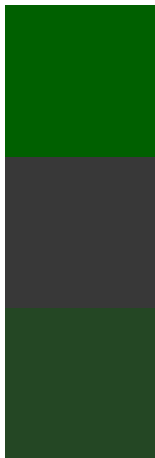
**Original Color**  
006000

**Protanomaly**  
3B5700

**Deuteranomaly**  
42550D

**Tritanomaly**  
195C3D

# Monochromacy



**Original Color**  
006000

**Achromatopsia**  
383838

**Achromatomaly**  
244724

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006000 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 #006000 looks like.

```
.text, #text, p{  
    color:#006000  
}
```

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 #006000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006000
}
```

## Border

The CSS property to change the border of an element to Hex 006000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

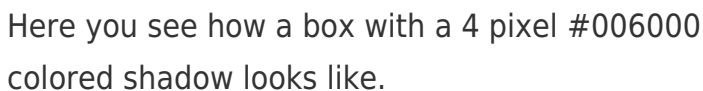
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006000 }
```

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

```
.border{ border-color:#006000 }
```

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



Here you see how a box with a 4 pixel #006000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006000; -webkit-box-shadow:4px 4px  
4px 4px #006000; box-shadow:4px 4px 4px  
4px #006000 }
```

# Background

The CSS property to change the background color of an element to Hex 006000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006000 }
```

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

```
.background{ background-color:#006000 }
```

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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