

# Converting Colors

Hex(004906)

Have a look what the booklet for  
Hex(004906) contains.

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**Color**

**Hex(004906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004906
RGB	0, 73, 6
RGB Percent	0%, 29%, 2%
CMY	1.0000, 0.7137, 0.9765
CMYK	1.00, 0.00, 0.92, 0.71
HSL	125°, 100%, 14%
HSV	125°, 100%, 29%
XYZ	2.4154, 4.7782, 0.9673
YIQ	43.5350, -22.0010, -36.3130

# Conversions

## Conversions Part 2

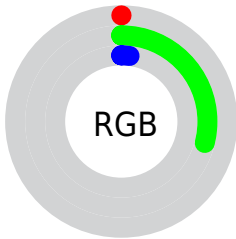
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 73
Decimal	18694
CIELab	26.09, -34.44, 31.15
CIELCh	26, 46.436, 137.865
Yxy	4.7782, 0.2960, 0.5855
Android (android.graphics.Color)	4278208774 (0xFF004906)
YUV	43.5350, -18.5048, -38.1802
Hunter-Lab	21.8592, -18.5295, 12.6778

# Details

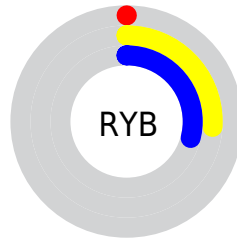
The Hex color **004906** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **490043**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D7B36**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **004906**, and if you desaturate by 10%, it is **07490D**.

# Distribution



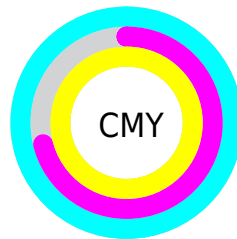
- Red (0%)
- Green (29%)
- Blue (2%)



- Red (0%)
- Yellow (26%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004906 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 004906 by changing the saturation by 10% instead.



 004906

 004906

 FDFEE

 003200

 3D7B36

 001E00

 57954E

 000000

 72B067

 8CCB80

 A8E89B

 C4FFB6

 E0FFD2

 004906

■ 07490D

■ 0F4913

■ 16491A

■ 1D4921

■ 254927

■ 2C492E

■ 334935

■ 3A493C

■ 424942

# Harmonies

## Analogous

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



394200



004906



004C2E

# Triad

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



004906



004683



7A122B

# Complementary

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



004906



490043

# 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.



75144E



004906



0A3B82

# Square

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



004906



004C72



58296E



6F2607

# Rectangle

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



004906



004D46



58296E



7B0F36



# Sweetspot

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



004906



425E44



444900



1F3020



B0B0B0



303030



# Same Dimension

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



004906



005E08



004929



202420



006308



00E313



# Inverse Universe

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



490043



5E0057



490020



242023



63005B

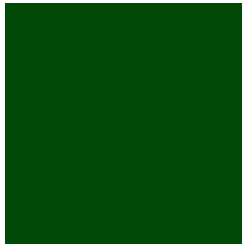


E300D0



# Previews

## White Background



This preview shows how the Hex color 004906 looks on a white background.

## Color Contrast Check

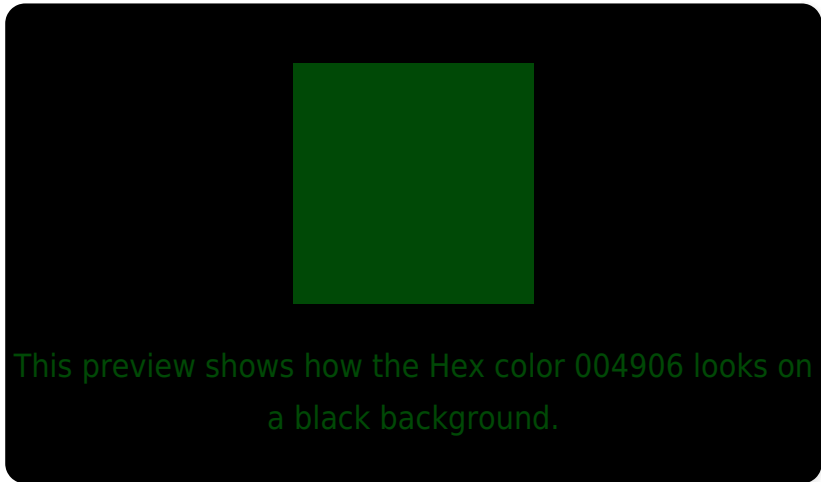
Large Text (above 18pt) WCAG AA ✓ Pass

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

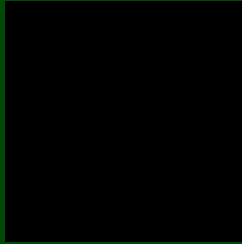
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004906 Background



This preview shows how black text looks on a background with the Hex color 004906.



This preview shows how white text looks on a background with the Hex color 004906.

# 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**  
004906

**Protanopia**  
463F00

**Deuteranopia**  
4E3B11



**Tritanopia**  
1F4449

# Trichromacy



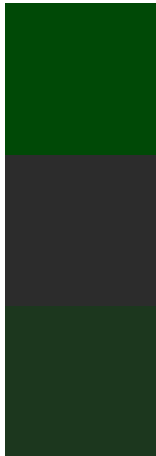
**Original Color**  
004906

**Protanomaly**  
2D4302

**Deuteranomaly**  
32400D

**Tritanomaly**  
144631

# Monochromacy



**Original Color**  
004906

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
1C371E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004906 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 #004906 looks like.

```
.text, #text, p{  
    color:#004906  
}
```

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 #004906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004906
}
```

## Border

The CSS property to change the border of an element to Hex 004906 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
#004906 }
```

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

```
.border{ border-color:#004906 }
```

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

Here you see how a box with a 4 pixel #004906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004906; -webkit-box-shadow:4px 4px  
4px 4px #004906; box-shadow:4px 4px 4px  
4px #004906 }
```

# Background

The CSS property to change the background color of an element to Hex 004906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004906 }
```

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

```
.background{ background-color:#004906 }
```

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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