

# Converting Colors

Hex(016506)

Have a look what the booklet for  
Hex(016506) contains.

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# Color

Hex(016506)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	016506
RGB	1, 101, 6
RGB Percent	0%, 40%, 2%
CMY	0.9961, 0.6039, 0.9765
CMYK	0.99, 0.00, 0.94, 0.60
HSL	123°, 98%, 20%
HSV	123°, 99%, 40%
XYZ	4.6991, 9.3270, 1.7249
YIQ	60.2700, -29.1050, -50.7450

# Conversions

## Conversions Part 2

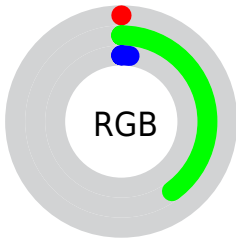
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 96, 101
Decimal	91398
CIE <sub>Lab</sub>	36.61, -43.24, 40.47
CIE <sub>LCh</sub>	37, 59.225, 136.896
Yxy	9.3270, 0.2983, 0.5922
Android (android.graphics.Color)	4278281478 (0xFF016506)
YUV	60.2700, -26.7551, -51.9798
Hunter-Lab	30.5401, -25.9801, 18.0293

# Details

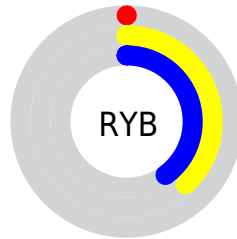
The Hex color **016506** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **650160**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **48993C**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **006505**, and if you desaturate by 10%, it is **0B6510**.

# Distribution



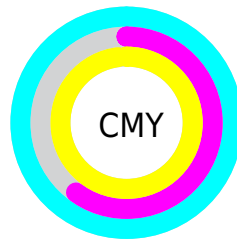
- Red (0%)
- Green (40%)
- Blue (2%)



- Red (0%)
- Yellow (38%)
- Blue (40%)



- Cyan (99%)
- Magenta (0%)
- Yellow (94%)
- Black (60%)




- Cyan (100%)
- Magenta (60%)
- Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 016506 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 016506 by changing the saturation by 10% instead.



 016506

 016506

 FFFFFFF9

 004C00

 48993C

 003400

 64B455

 001F00

 7FD06F


 000000

 9BED89

 B8FFA4

 D4FFC0

 F2FFDC

 016506

 016506

■ 006505

■ 0B6510

■ 156519

■ 1F6523

■ 29652C

■ 346536

■ 3E6540

■ 486549

■ 526553

■ 5C655C

# Harmonies

## Analogous

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



505C00



016506



00693F

# Triad

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



016506



0062B4



A8193E

# Complementary

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



016506



650160

# 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.



9F1C6D



016506



0053B2

# Square

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



016506



00699B



783A98



99350E

# Rectangle

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



016506



006A60



783A98



A8134D



# Sweetspot

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



016506



5B825D



606501



2A422C



C2C2C2



424242



# Same Dimension

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



016506



008207



016538



2E332E



007306



00F20C



# Inverse Universe

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



650160



82007C



65012E



332E33



73006D

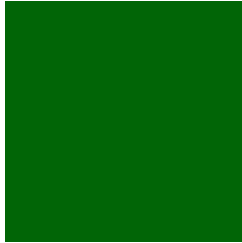


F200E6



# Previews

## White Background



This preview shows how the Hex color 016506 looks on a white background.

## Color Contrast Check

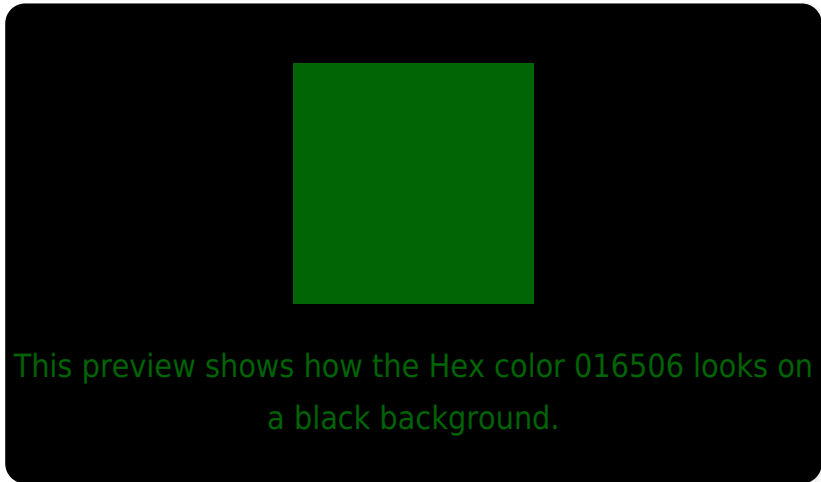
Large Text (above 18pt) WCAG AA ✓ Pass

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 016506 Background



This preview shows how black text looks on a background with the Hex color 016506.



This preview shows how white text looks on a background with the Hex color 016506.

# 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**  
016506

**Deuteranopia**  
6C5217

**Tritanopia**  
2A5E65

# Trichromacy

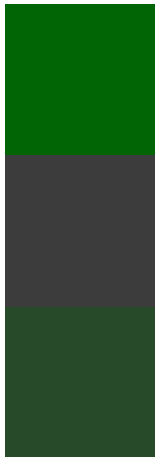


**Original Color**  
016506

**Deuteranomaly**  
455911

**Tritanomaly**  
1B6142

# Monochromacy



**Original Color**  
016506

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
274B28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 016506 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 #016506 looks like.

```
.text, #text, p{  
    color:#016506  
}
```

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 #016506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016506
}
```

## Border

The CSS property to change the border of an element to Hex 016506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

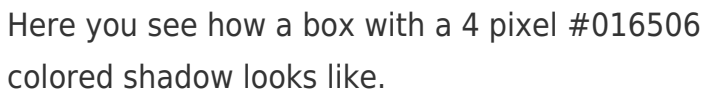
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#016506 }
```

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

```
.border{ border-color:#016506 }
```

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



Here you see how a box with a 4 pixel #016506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016506; -webkit-box-shadow:4px 4px  
4px 4px #016506; box-shadow:4px 4px 4px  
4px #016506 }
```

# Background

The CSS property to change the background color of an element to Hex 016506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016506 }
```

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

```
.background{ background-color:#016506 }
```

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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