

# Converting Colors

Hex(006115)

Have a look what the booklet for  
Hex(006115) contains.

<b>Hex(006115)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(006115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006115
RGB	0, 97, 21
RGB Percent	0%, 38%, 8%
CMY	1.0000, 0.6196, 0.9176
CMYK	1.00, 0.00, 0.78, 0.62
HSL	133°, 100%, 19%
HSV	133°, 100%, 38%
XYZ	4.4101, 8.6035, 2.1377
YIQ	59.3330, -33.4160, -44.2000

# Conversions

## Conversions Part 2

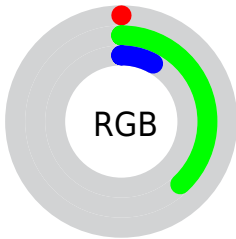
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 97
Decimal	24853
CIELab	35.21, -41.06, 34.34
CIELCh	35, 53.528, 140.096
Yxy	8.6035, 0.2911, 0.5678
Android (android.graphics.Color)	4278214933 (0xFF006115)
YUV	59.3330, -18.8982, -52.0350
Hunter-Lab	29.3318, -24.4930, 16.2112

# Details

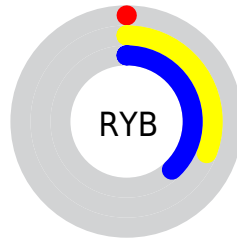
The Hex color **006115** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **61004C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **469545**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **006115**, and if you desaturate by 10%, it is **0A611D**.

# Distribution



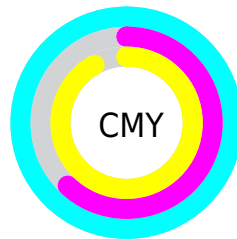
- Red (0%)
- Green (38%)
- Blue (8%)



- Red (0%)
- Yellow (31%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006115 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 006115 by changing the saturation by 10% instead.



 006115

 006115

FFFFFF

 004800

 469545

 003100

 61B05E

 001B00

 7CCC78

 000000

 98E892

 B4FFAD

 D0FFC8

 EEFFE5


 006115

 0A611D

 136124

 1D612C

 276133

 31613B

 3A6143

 44614A

 4E6152

 576159

# Harmonies

## Analogous

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



4A5900



006115



006543

# Triad

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



006115



005CA8



9D2338

# Complementary

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



006115



61004C

# 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.



972263



006115



2B4EA4

# Square

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



006115



006394



77388A



8E380F

# Rectangle

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



006115



006661



77388A



9D1F46



# Sweetspot

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



006115



577D60



4E6100



29402E



BFBFBF



404040



# Same Dimension

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



006115



007D1B



006144



2C302D



007018



00F034



# Inverse Universe

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



61004C



7D0062



61001D



302C2F



700058

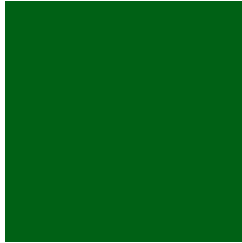


F000BC



# Previews

## White Background



This preview shows how the Hex color 006115 looks on a white background.

## Color Contrast Check

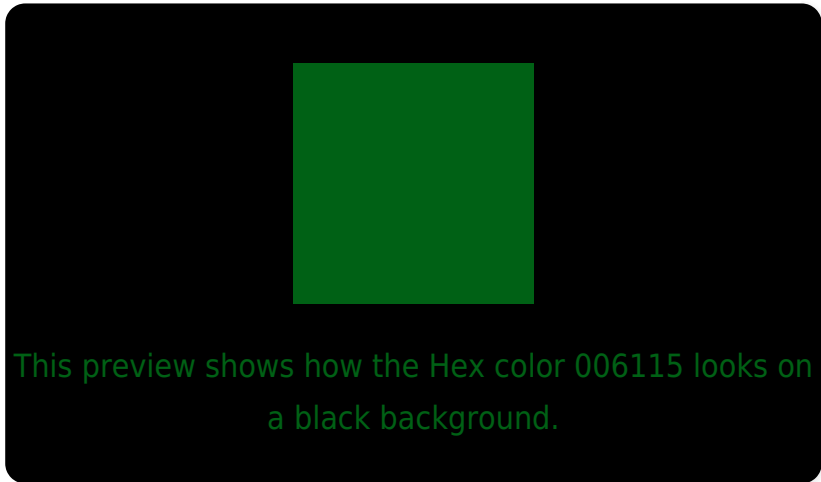
Large Text (above 18pt) WCAG AA ✓ Pass

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 006115 Background



This preview shows how black text looks on a background with the Hex color 006115.



This preview shows how white text looks on a background with the Hex color 006115.

# 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](#).

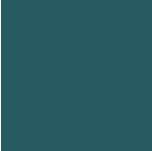
## Dichromacy



**Original Color**  
006115

**Protanopia**  
5D5311

**Deuteranopia**  
684F1D



**Tritanopia**  
285A62

# Trichromacy



**Original Color**  
006115



**Protanomaly**  
3B5812



**Deuteranomaly**  
42561A



**Tritanomaly**  
195D46

# Monochromacy



**Original Color**  
006115



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
26492D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006115 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 #006115 looks like.

```
.text, #text, p{  
    color:#006115  
}
```

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 #006115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006115
}
```

## Border

The CSS property to change the border of an element to Hex 006115 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
#006115 }
```

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

```
.border{ border-color:#006115 }
```

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

Here you see how a box with a 4 pixel #006115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006115; -webkit-box-shadow:4px 4px  
4px 4px #006115; box-shadow:4px 4px 4px  
4px #006115 }
```

# Background

The CSS property to change the background color of an element to Hex 006115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006115 }
```

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

```
.background{ background-color:#006115 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor