

# Converting Colors

Hex(006843)

Have a look what the booklet for  
Hex(006843) contains.

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# Color

Hex(006843)

# Conversions

## Conversions Part 1

Format	Color
Hex	006843
RGB	0, 104, 67
RGB Percent	0%, 41%, 26%
CMY	1.0000, 0.5922, 0.7373
CMYK	1.00, 0.00, 0.36, 0.59
HSL	159°, 100%, 20%
HSV	159°, 100%, 41%
XYZ	5.9634, 10.3059, 6.9851
YIQ	68.6860, -50.1070, -33.5550

# Conversions

## Conversions Part 2

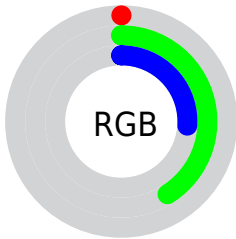
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 104
Decimal	26691
CIELab	38.39, -35.74, 13.71
CIElCh	38, 38.279, 159.020
Yxy	10.3059, 0.2564, 0.4432
Android (android.graphics.Color)	4278216771 (0xFF006843)
YUV	68.6860, -0.8312, -60.2376
Hunter-Lab	32.1028, -23.0216, 9.5713

# Details

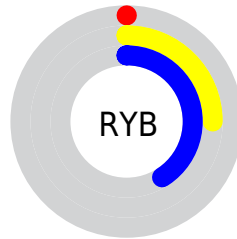
The Hex color **006843** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680025**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479C73**, and **003818** is the 20% darker color. If you saturate the color by 10%, you get **006843**, and if you desaturate by 10%, it is **0A6847**.

# Distribution



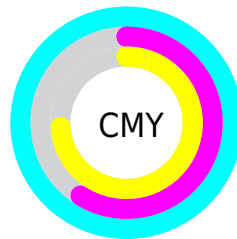
- Red (0%)
- Green (41%)
- Blue (26%)



- Red (0%)
- Yellow (25%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006843 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 006843 by changing the saturation by 10% instead.



 006843

 006843

FFFFFF

 004F2D

 479C73

 003818

 62B78D

 002400

 7DD3A7

 000000

 99F0C3

 B5FFDE

 D2FFFB

 EFFFFFF

 006843

 0A6847

 15684A

 1F684E

 2A6852

 346856

 3E6859

 49685D

 536861

 5E6864

# Harmonies

## Analogous

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



416427



006843



006A63

# Triad

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



006843



305B98



8F4535

# Complementary

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



006843



680025

# 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.



933E52



006843



684E8B

# Square

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



006843



006494



874271



7D511F

# Rectangle

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



006843



006978



874271



92423E



# Sweetspot

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



006843



5F8779



266800



2C453C



C4C4C4



454545



# Same Dimension

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



006843



008757



005A68



2E3331



00734A



00F29C



# Inverse Universe

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



680025



870030



680E00



332E30



730029



F20056



# Previews

## White Background



This preview shows how the Hex color 006843 looks on a white background.

## Color Contrast Check

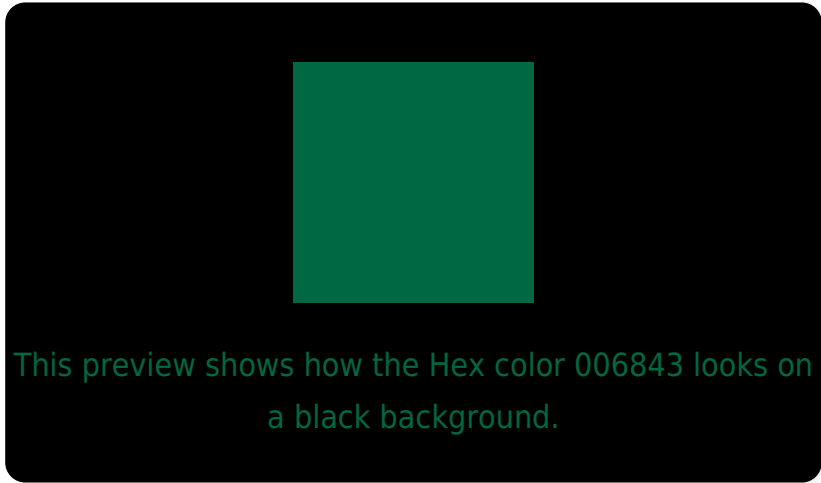
Large Text (above 18pt) WCAG AA ✓ Pass

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

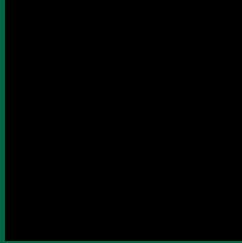
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006843 Background



This preview shows how black text looks on a background with the Hex color 006843.



This preview shows how white text looks on a background with the Hex color 006843.

# 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**  
006843

**Protanopia**  
625A3D

**Deuteranopia**  
6A5747



**Tritanopia**  
25636B

# Trichromacy



**Original Color**  
006843



**Protanomaly**  
3E5F3F



**Deuteranomaly**  
435D46



**Tritanomaly**  
18655C

# Monochromacy



**Original Color**  
006843



**Achromatopsia**  
454545



**Achromatomaly**  
2C5244

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006843 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 #006843 looks like.

```
.text, #text, p{  
    color:#006843  
}
```

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 #006843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006843
}
```

## Border

The CSS property to change the border of an element to Hex 006843 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
#006843 }
```

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

```
.border{ border-color:#006843 }
```

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

Here you see how a box with a 4 pixel #006843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006843; -webkit-box-shadow:4px 4px  
4px 4px #006843; box-shadow:4px 4px 4px  
4px #006843 }
```

# Background

The CSS property to change the background color of an element to Hex 006843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006843 }
```

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

```
.background{ background-color:#006843 }
```

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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