

Converting Colors

Hex(006841)

Have a look what the booklet for
Hex(006841) contains.

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Color

Hex(006841)

Conversions

Conversions Part 1

Format	Color
Hex	006841
RGB	0, 104, 65
RGB Percent	0%, 41%, 25%
CMY	1.0000, 0.5922, 0.7451
CMYK	1.00, 0.00, 0.38, 0.59
HSL	158°, 100%, 20%
HSV	158°, 100%, 41%
XYZ	5.9044, 10.2823, 6.6745
YIQ	68.4580, -49.4650, -34.1770

Conversions

Conversions Part 2

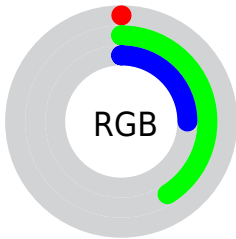
Format	Color
RYB	0, 64, 104
Decimal	26689
CIELab	38.34, -36.22, 14.84
CIELCh	38, 39.141, 157.722
Yxy	10.2823, 0.2583, 0.4498
Android (android.graphics.Color)	4278216769 (0xFF006841)
YUV	68.4580, -1.7048, -60.0377
Hunter-Lab	32.0660, -23.2475, 10.1050

Details

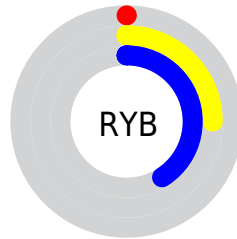
The Hex color **006841** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680027**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479C71**, and **003816** is the 20% darker color. If you saturate the color by 10%, you get **006841**, and if you desaturate by 10%, it is **0A6845**.

Distribution



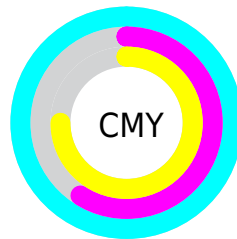
- Red (0%)
- Green (41%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006841 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 006841 by changing the saturation by 10% instead.

 006841

 006841

FFFFFF

 004F2B

 479C71

 003816

 62B78B

 002400

 7DD3A5

 000000

 99F0C0

 B5FFDC

 D2FFF9

 EFFFFFF

 006841

 0A6845

 156849

 1F684D

 2A6851

 346855

 3E6858

 49685C

 536860

 5E6864

Harmonies

Analogous

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



426325



006841



006A62

Triad

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



006841



295B99



904435

Complementary

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



006841



680027

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.



943D53



006841



674E8D

Square

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



006841



006495



874273



7E501E

Rectangle

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



006841



006977



874273



93413F

Sweetspot

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



006841



5F8778



286800



2C453C



C4C4C4



454545

Same Dimension

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



006841



008754



005C68



2E3331



007348



00F297

Inverse Universe

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



680027



870033



680C00



332E30



73002B



F2005B

Previews

White Background



This preview shows how the Hex color 006841 looks on a white background.

Color Contrast Check

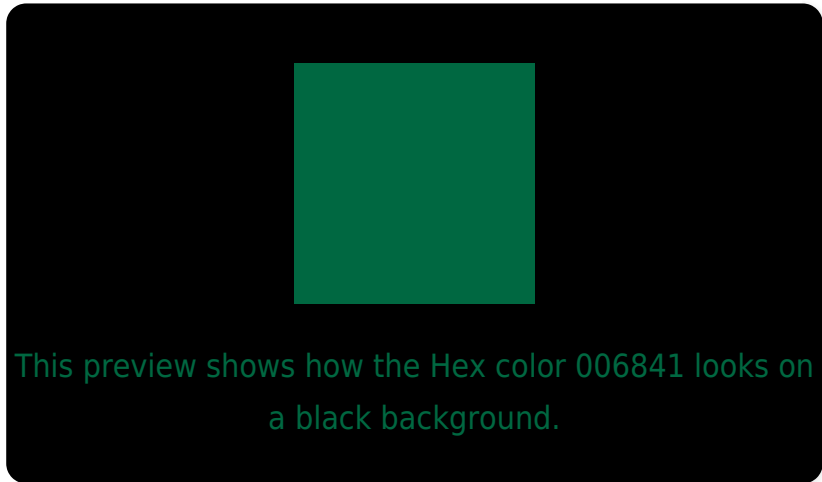
Large Text (above 18pt) WCAG AA ✓ Pass

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

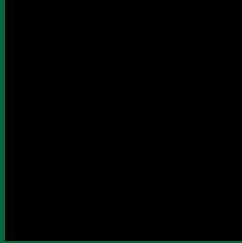
Any Text WCAG AA × Fail

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 006841 Background



This preview shows how black text looks on a background with the Hex color 006841.



This preview shows how white text looks on a background with the Hex color 006841.

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
006841

Protanopia
625A3B

Deuteranopia
6A5745



Tritanopia
25636B

Trichromacy



Original Color
006841



Protanomaly
3E5F3D



Deuteranomaly
435D44



Tritanomaly
18655C

Monochromacy



Original Color
006841



Achromatopsia
444444



Achromatomaly
2B5143

CSS Examples

Text

The CSS property to change the color of the text to Hex 006841 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 #006841 looks like.

```
.text, #text, p{  
    color:#006841  
}
```

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 #006841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006841
}
```

Border

The CSS property to change the border of an element to Hex 006841 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
#006841 }
```

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

```
.border{ border-color:#006841 }
```

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

Here you see how a box with a 4 pixel #006841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006841; -webkit-box-shadow:4px 4px  
4px 4px #006841; box-shadow:4px 4px 4px  
4px #006841 }
```

Background

The CSS property to change the background color of an element to Hex 006841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006841 }
```

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

```
.background{ background-color:#006841 }
```

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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