

Converting Colors

Hex(006741)

Have a look what the booklet for
Hex(006741) contains.

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Color

Hex(006741)

Conversions

Conversions Part 1

Format	Color
Hex	006741
RGB	0, 103, 65
RGB Percent	0%, 40%, 25%
CMY	1.0000, 0.5961, 0.7451
CMYK	1.00, 0.00, 0.37, 0.60
HSL	158°, 100%, 20%
HSV	158°, 100%, 40%
XYZ	5.8044, 10.0821, 6.6412
YIQ	67.8710, -49.1900, -33.6540

Conversions

Conversions Part 2

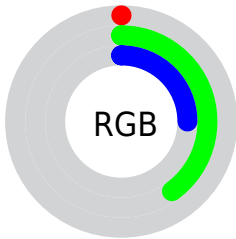
Format	Color
RYB	0, 63, 103
Decimal	26433
CIELab	37.99, -35.81, 14.36
CIELCh	38, 38.586, 158.154
Yxy	10.0821, 0.2577, 0.4475
Android (android.graphics.Color)	4278216513 (0xFF006741)
YUV	67.8710, -1.4154, -59.5229
Hunter-Lab	31.7524, -22.9367, 9.8259

Details

The Hex color **006741** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **670026**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **469B71**, and **003716** is the 20% darker color. If you saturate the color by 10%, you get **006741**, and if you desaturate by 10%, it is **0A6745**.

Distribution



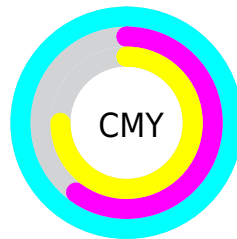
- Red (0%)
- Green (40%)
- Blue (25%)



- Red (0%)
- Yellow (25%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006741 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 006741 by changing the saturation by 10% instead.

 006741

 006741

FFFFFF

 004E2B

 469B71

 003716

 62B68B

 002300

 7DD2A5

 000000

 99EFC0

 B5FFDC

 D1FFF9

 EEEFFF

 006741

■ 0A6745

■ 156749

■ 1F674C

■ 296750

■ 346754

■ 3E6758

■ 48675C

■ 52675F

■ 5D6763

Harmonies

Analogous

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



416225



006741



006961

Triad

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



006741



2B5A97



8E4334

Complementary

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



006741



670026

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.



923D52



006741



664E8B

Square

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



006741



006393



864171



7D4F1E

Rectangle

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



006741



006876



864171



91403E

Sweetspot

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



006741



5F8778



276700



2C453C



C4C4C4



454545

Same Dimension

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



006741



008755



005B67



2E3331



007348



00F299

Inverse Universe

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



670026



870032



670C00



332E30



73002A



F20059

Previews

White Background



This preview shows how the Hex color 006741 looks on a white background.

Color Contrast Check

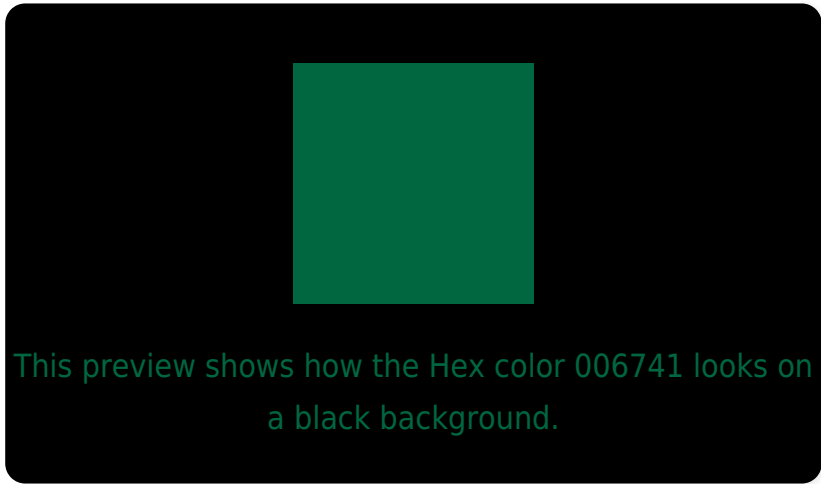
Large Text (above 18pt) WCAG AA ✓ Pass

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 006741 Background



This preview shows how black text looks on a background with the Hex color 006741.



This preview shows how white text looks on a background with the Hex color 006741.

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
006741

Protanopia
61593B

Deuteranopia
695645



Tritanopia
25626A

Trichromacy



Original Color
006741

Protanomaly
3E5E3D

Deuteranomaly
435C44

Tritanomaly
18645B

Monochromacy



Original Color
006741

Achromatopsia
444444

Achromatomaly
2B5143

CSS Examples

Text

The CSS property to change the color of the text to Hex 006741 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 #006741 looks like.

```
.text, #text, p{  
    color:#006741  
}
```

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 #006741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006741
}
```

Border

The CSS property to change the border of an element to Hex 006741 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
#006741 }
```

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

```
.border{ border-color:#006741 }
```

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

Here you see how a box with a 4 pixel #006741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006741; -webkit-box-shadow:4px 4px  
4px 4px #006741; box-shadow:4px 4px 4px  
4px #006741 }
```

Background

The CSS property to change the background color of an element to Hex 006741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006741 }
```

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

```
.background{ background-color:#006741 }
```

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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