

Converting Colors

Hex(006739)

Have a look what the booklet for
Hex(006739) contains.

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Color

Hex(006739)

Conversions

Conversions Part 1

Format	Color
Hex	006739
RGB	0, 103, 57
RGB Percent	0%, 40%, 22%
CMY	1.0000, 0.5961, 0.7765
CMYK	1.00, 0.00, 0.45, 0.60
HSL	153°, 100%, 20%
HSV	153°, 100%, 40%
XYZ	5.5888, 9.9959, 5.5057
YIQ	66.9590, -46.6220, -36.1420

Conversions

Conversions Part 2

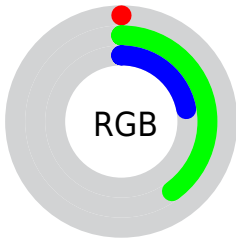
Format	Color
RYB	0, 66, 103
Decimal	26425
CIELab	37.84, -37.62, 18.86
CIELCh	38, 42.082, 153.371
Yxy	9.9959, 0.2650, 0.4740
Android (android.graphics.Color)	4278216505 (0xFF006739)
YUV	66.9590, -4.9098, -58.7230
Hunter-Lab	31.6163, -23.7753, 11.8065

Details

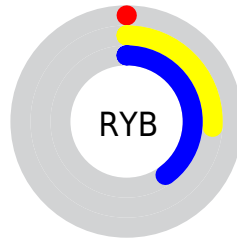
The Hex color **006739** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67002E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469B69**, and **00370E** is the 20% darker color. If you saturate the color by 10%, you get **006739**, and if you desaturate by 10%, it is **0A673E**.

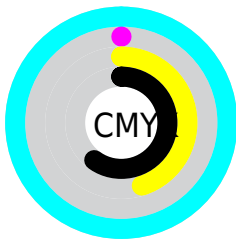
Distribution



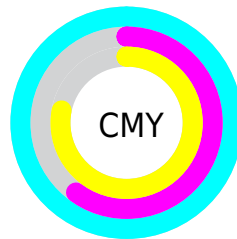
- Red (0%)
- Green (40%)
- Blue (22%)



- Red (0%)
- Yellow (26%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006739 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 006739 by changing the saturation by 10% instead.

 006739

 006739

FFFFFF

 004E23

 469B69

 00370E

 62B682

 002200

 7DD29C

 000000

 98EFB7

 B5FFD3

 D1FFEF

 EEEFFF

 006739

 0A673E

 156742

 1F6747

 29674B

 346750

 3E6755

 486759

 52675E

 5D6762

Harmonies

Analogous

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



44621B



006739



00695C

Triad

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



006739



005C9D



933E36

Complementary

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



006739



67002E

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.



963857



006739



5F4E92

Square

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



006739



006496



854078



824C1A

Rectangle

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



006739



006973



854078



963B40

Sweetspot

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



006739



5F8775



2E6700



2C453A



C4C4C4



454545

Same Dimension

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



006739



00874B



006267



2E3331



007340



00F286

Inverse Universe

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



67002E



87003C



670500



332E30



730033



F2006C

Previews

White Background



This preview shows how the Hex color 006739 looks on a white background.

Color Contrast Check

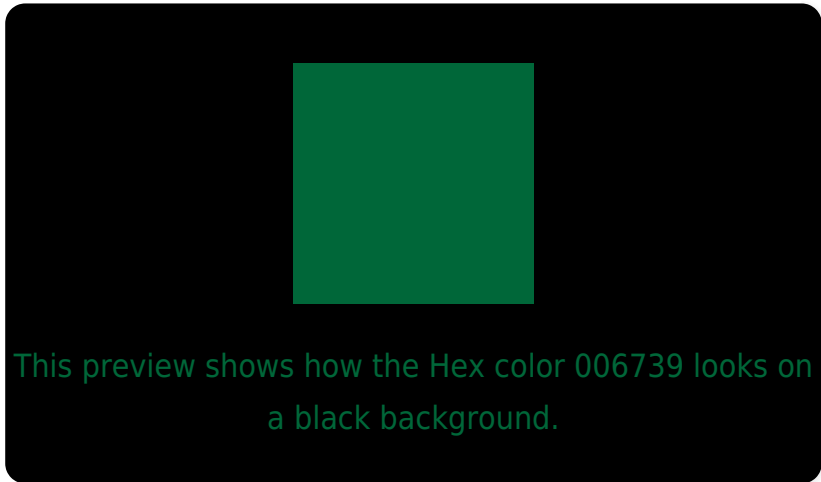
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 006739 Background



This preview shows how black text looks on a background with the Hex color 006739.



This preview shows how white text looks on a background with the Hex color 006739.

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
006739

Protanopia
625934

Deuteranopia
6A553D



Tritanopia
266169

Trichromacy



Original Color
006739



Protanomaly
3E5E36



Deuteranomaly
435C3C



Tritanomaly
186358

Monochromacy



Original Color
006739



Achromatopsia
434343



Achromatomaly
2B503F

CSS Examples

Text

The CSS property to change the color of the text to Hex 006739 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 #006739 looks like.

```
.text, #text, p{  
    color:#006739  
}
```

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 #006739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006739
}
```

Border

The CSS property to change the border of an element to Hex 006739 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
#006739 }
```

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

```
.border{ border-color:#006739 }
```

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

Here you see how a box with a 4 pixel #006739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006739; -webkit-box-shadow:4px 4px  
4px 4px #006739; box-shadow:4px 4px 4px  
4px #006739 }
```

Background

The CSS property to change the background color of an element to Hex 006739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006739 }
```

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

```
.background{ background-color:#006739 }
```

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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