

Converting Colors

Hex(006645)

Have a look what the booklet for
Hex(006645) contains.

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Color

Hex(006645)

Conversions

Conversions Part 1

Format	Color
Hex	006645
RGB	0, 102, 69
RGB Percent	0%, 40%, 27%
CMY	1.0000, 0.6000, 0.7294
CMYK	1.00, 0.00, 0.32, 0.60
HSL	161°, 100%, 20%
HSV	161°, 100%, 40%
XYZ	5.8255, 9.9324, 7.2403
YIQ	67.7400, -50.1990, -31.8870

Conversions

Conversions Part 2

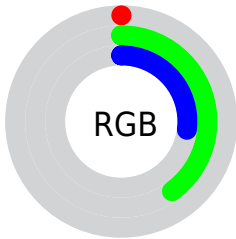
Format	Color
RYB	0, 61, 102
Decimal	26181
CIELab	37.72, -34.42, 11.60
CIELCh	38, 36.319, 161.382
Yxy	9.9324, 0.2533, 0.4319
Android (android.graphics.Color)	4278216261 (0xFF006645)
YUV	67.7400, 0.6212, -59.4080
Hunter-Lab	31.5157, -22.1576, 8.4399

Details

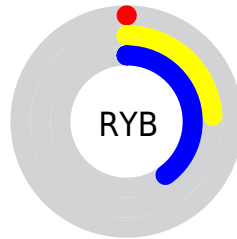
The Hex color **006645** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660021**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **469A75**, and **00361A** is the 20% darker color. If you saturate the color by 10%, you get **006645**, and if you desaturate by 10%, it is **0A6648**.

Distribution



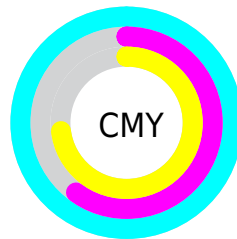
- Red (0%)
- Green (40%)
- Blue (27%)



- Red (0%)
- Yellow (24%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006645 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 006645 by changing the saturation by 10% instead.

 006645

 006645

FFFFFF

 004D2F

 469A75

 00361A

 61B58F

 002200

 7DD1A9

 000000

 98EDC5

 B4FFE1

 D1FFFD

 EEEFFF

 006645

 0A6648

 14664C

 1F664F

 296652

 336655

 3D6659

 47665C

 52665F

 5C6663

Harmonies

Analogous

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



3E622B



006645



006763

Triad

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



006645



385892



8A4633

Complementary

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



006645



660021

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.



8F3F4F



006645



694C85

Square

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



006645



006190



85426C



785120

Rectangle

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



006645



006776



85426C



8D423C

Sweetspot

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



006645



5D8578



226600



2A423B



C2C2C2



424242

Same Dimension

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



006645



00855A



005566



2E3331



00734E



00F2A4

Inverse Universe

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



660021



85002B



661100



332E30



730025



F2004E

Previews

White Background



This preview shows how the Hex color 006645 looks on a white background.

Color Contrast Check

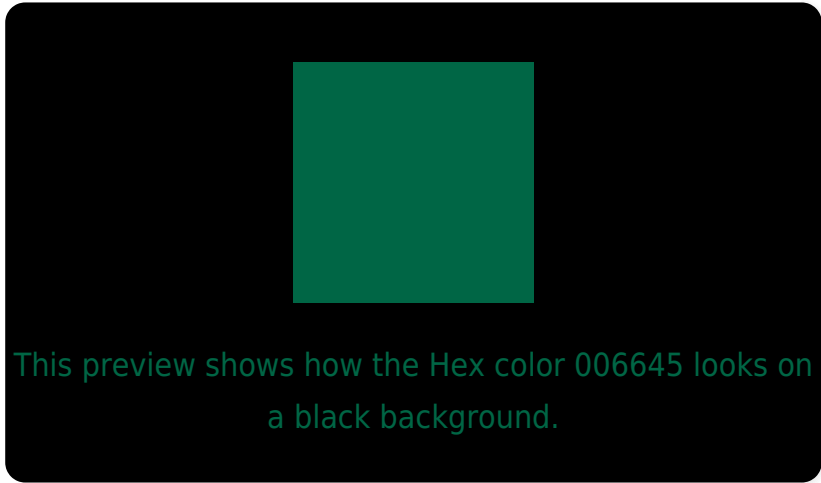
Large Text (above 18pt) WCAG AA ✓ Pass

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

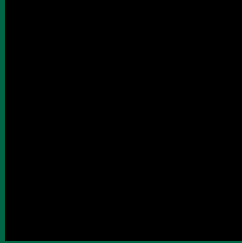
Any Text WCAG AA × Fail

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 006645 Background



This preview shows how black text looks on a background with the Hex color 006645.



This preview shows how white text looks on a background with the Hex color 006645.

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
006645

Protanopia
60593F

Deuteranopia
675549



Tritanopia
236169

Trichromacy



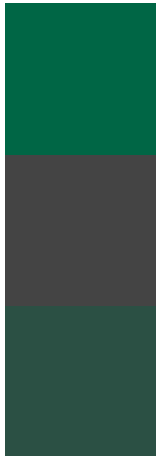
Original Color
006645

Protanomaly
3D5E41

Deuteranomaly
425B48

Tritanomaly
16635C

Monochromacy



Original Color
006645

Achromatopsia
444444

Achromatomaly
2B5044

CSS Examples

Text

The CSS property to change the color of the text to Hex 006645 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 #006645 looks like.

```
.text, #text, p{  
    color:#006645  
}
```

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 #006645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006645
}
```

Border

The CSS property to change the border of an element to Hex 006645 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
#006645 }
```

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

```
.border{ border-color:#006645 }
```

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

Here you see how a box with a 4 pixel #006645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006645; -webkit-box-shadow:4px 4px  
4px 4px #006645; box-shadow:4px 4px 4px  
4px #006645 }
```

Background

The CSS property to change the background color of an element to Hex 006645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006645 }
```

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

```
.background{ background-color:#006645 }
```

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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