

Converting Colors

Hex(006603)

Have a look what the booklet for
Hex(006603) contains.

Hex(006603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006603)

Conversions

Conversions Part 1

Format	Color
Hex	006603
RGB	0, 102, 3
RGB Percent	0%, 40%, 1%
CMY	1.0000, 0.6000, 0.9882
CMYK	1.00, 0.00, 0.97, 0.60
HSL	122°, 100%, 20%
HSV	122°, 100%, 40%
XYZ	4.7678, 9.5093, 1.6703
YIQ	60.2160, -29.0130, -52.4130

Conversions

Conversions Part 2

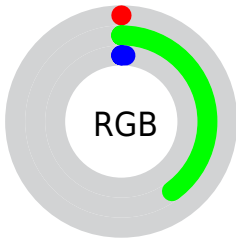
Format	Color
RYB	0, 99, 102
Decimal	26115
CIELab	36.95, -43.82, 41.59
CIELCh	37, 60.416, 136.493
Yxy	9.5093, 0.2990, 0.5963
Android (android.graphics.Color)	4278216195 (0xFF006603)
YUV	60.2160, -28.2075, -52.8094
Hunter-Lab	30.8372, -26.3668, 18.3745

Details

The Hex color **006603** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **660063**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **489A3B**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **006603**, and if you desaturate by 10%, it is **0A660D**.

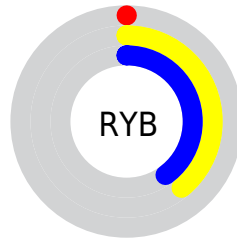
Distribution



Red (0%)

Green (40%)

Blue (1%)



Red (0%)

Yellow (39%)

Blue (40%)

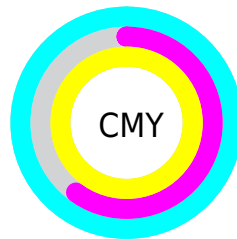


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (60%)



Cyan (100%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006603 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 006603 by changing the saturation by 10% instead.

 006603

 006603

 FFFFF8

 004D00

 489A3B

 003500

 64B554

 002000

 80D16E

 000000

 9CEE88

 B8FFA3

 D5FFBE

 F2FFDB

 006603

 0A660D

 146617

 1F6621

 29662B

 336635

 3D663E

 476648

 526652

 5C665C

Harmonies

Analogous

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



525D00



006603



006A3E

Triad

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



006603



0063B6



AA163F

Complementary

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



006603



660063

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.



A11B6F



006603



0054B5

Square

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



006603



006A9D



793B9B



9C340E

Rectangle

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



006603



006C61



793B9B



AA104F

Sweetspot

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



006603



5D855E



646600



2A422B



C2C2C2



424242

Same Dimension

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



006603



008504



006635



2E332E



007303



00F207

Inverse Universe

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



660063



850081



660031



332E33



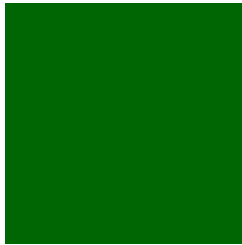
73006F



F200EB

Previews

White Background



This preview shows how the Hex color 006603 looks on a white background.

Color Contrast Check

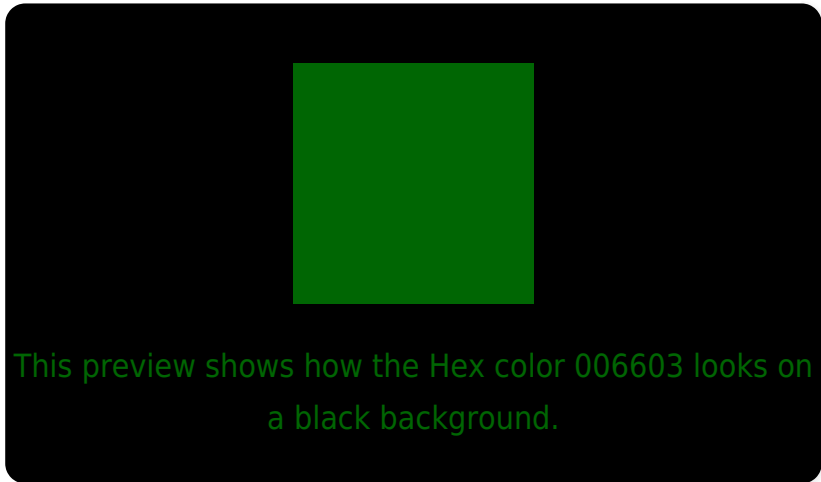
Large Text (above 18pt) WCAG AA ✓ Pass

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

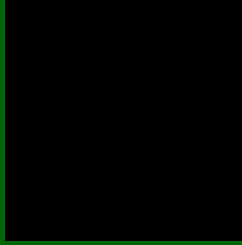
Any Text WCAG AA × Fail

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 006603 Background



This preview shows how black text looks on a background with the Hex color 006603.



This preview shows how white text looks on a background with the Hex color 006603.

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
006603

Protanopia
625700

Deuteranopia
6D5316



Tritanopia
2B5F66

Trichromacy



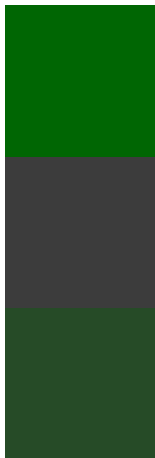
Original Color
006603

Protanomaly
3E5C01

Deuteranomaly
455A0F

Tritanomaly
1B6242

Monochromacy



Original Color
006603

Achromatopsia
3C3C3C

Achromatomaly
264B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 006603 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 #006603 looks like.

```
.text, #text, p{  
    color:#006603  
}
```

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 #006603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006603
}
```

Border

The CSS property to change the border of an element to Hex 006603 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".

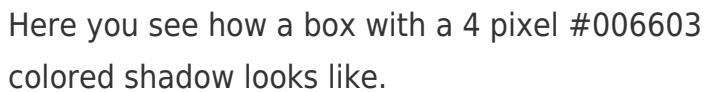
```
.border, #border, table{ border:4px solid
#006603 }
```

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

```
.border{ border-color:#006603 }
```

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

Here you see how a box with a 4 pixel #006603 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006603; -webkit-box-shadow:4px 4px  
4px 4px #006603; box-shadow:4px 4px 4px  
4px #006603 }
```

Background

The CSS property to change the background color of an element to Hex 006603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006603 }
```

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

```
.background{ background-color:#006603 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor