

Converting Colors

Hex(006802)

Have a look what the booklet for
Hex(006802) contains.

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Color

Hex(006802)

Conversions

Conversions Part 1

Format	Color
Hex	006802
RGB	0, 104, 2
RGB Percent	0%, 41%, 1%
CMY	1.0000, 0.5922, 0.9922
CMYK	1.00, 0.00, 0.98, 0.59
HSL	121°, 100%, 20%
HSV	121°, 100%, 41%
XYZ	4.9613, 9.9050, 1.7078
YIQ	61.2760, -29.2420, -53.7700

Conversions

Conversions Part 2

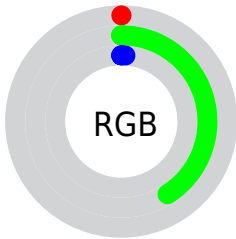
Format	Color
R _{YB}	0, 102, 104
Decimal	26626
CIE Lab	37.67, -44.48, 42.47
CIE LCh	38, 61.502, 136.322
Yxy	9.9050, 0.2993, 0.5976
Android (android.graphics.Color)	4278216706 (0xFF006802)
YUV	61.2760, -29.2231, -53.7391
Hunter-Lab	31.4722, -26.9377, 18.8133

Details

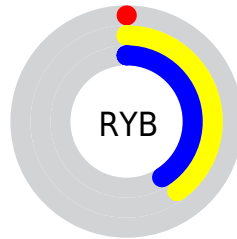
The Hex color **006802** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **680066**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **499C3B**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **006802**, and if you desaturate by 10%, it is **0A680C**.

Distribution



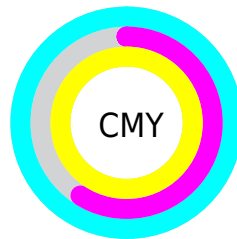
- Red (0%)
- Green (41%)
- Blue (1%)



- Red (0%)
- Yellow (40%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006802 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 006802 by changing the saturation by 10% instead.

 006802

 006802

 FFFFF8

 004F00

 499C3B

 003700

 65B854

 002200

 81D46E

 000000

 9DF088

 B9FFA3

 D6FFBF

 F4FFDB

 006802

 0A680C

 156816

 1F6821

 2A682B

 346835

 3E683F

 496849

 536854

 5E685E

Harmonies

Analogous

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



535F00



006802



006C3F

Triad

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



006802



0065BA



AE1640

Complementary

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



006802



680066

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.



A41B72



006802



0056B9

Square

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



006802



006CA0



7B3C9E



9F350E

Rectangle

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



006802



006E62



7B3C9E



AE1050

Sweetspot

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



006802



5F875F



666800



2C452D



C4C4C4



454545

Same Dimension

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



006802



008703



006836



2E332E



007302



00F205

Inverse Universe

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



680066



870085



680032



332E33



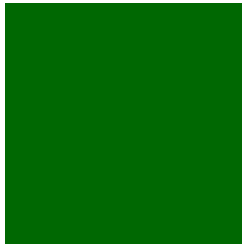
730071



F200EE

Previews

White Background



This preview shows how the Hex color 006802 looks on a white background.

Color Contrast Check

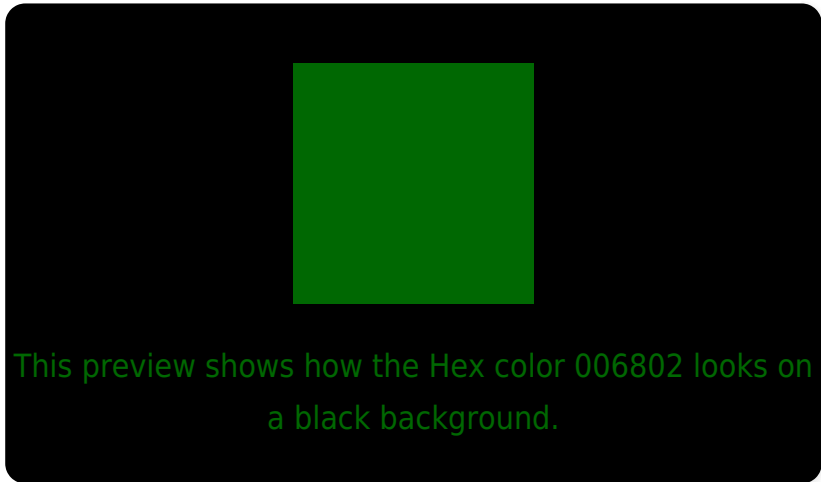
Large Text (above 18pt) WCAG AA ✓ Pass

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 006802 Background



This preview shows how black text looks on a background with the Hex color 006802.



This preview shows how white text looks on a background with the Hex color 006802.

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
006802

Protanopia
645900

Deuteranopia
705417



Tritanopia
2C6169

Trichromacy



Original Color
006802



Protanomaly
405E01



Deuteranomaly
475B0F

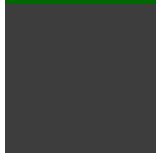


Tritanomaly
1C6444

Monochromacy



Original Color
006802



Achromatopsia
3D3D3D



Achromatomaly
274D28

CSS Examples

Text

The CSS property to change the color of the text to Hex 006802 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 #006802 looks like.

```
.text, #text, p{  
    color:#006802  
}
```

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 #006802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006802
}
```

Border

The CSS property to change the border of an element to Hex 006802 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
#006802 }
```

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

```
.border{ border-color:#006802 }
```

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

Here you see how a box with a 4 pixel #006802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006802; -webkit-box-shadow:4px 4px  
4px 4px #006802; box-shadow:4px 4px 4px  
4px #006802 }
```

Background

The CSS property to change the background color of an element to Hex 006802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006802 }
```

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

```
.background{ background-color:#006802 }
```

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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