

Converting Colors

Hex(006800)

Have a look what the booklet for
Hex(006800) contains.

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Color

Hex(006800)

Conversions

Conversions Part 1

Format	Color
Hex	006800
RGB	0, 104, 0
RGB Percent	0%, 41%, 0%
CMY	1.0000, 0.5922, 1.0000
CMYK	1.00, 0.00, 1.00, 0.59
HSL	120°, 100%, 20%
HSV	120°, 100%, 41%
XYZ	4.9503, 9.9006, 1.6501
YIQ	61.0480, -28.6000, -54.3920

Conversions

Conversions Part 2

Format	Color
RYB	0, 104, 104
Decimal	26624
CIELab	37.66, -44.58, 43.03
CIELCh	38, 61.962, 136.016
Yxy	9.9006, 0.3000, 0.6000
Android (android.graphics.Color)	4278216704 (0xFF006800)
YUV	61.0480, -30.0967, -53.5391
Hunter-Lab	31.4653, -26.9815, 18.9164

Details

The Hex color **006800** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **680068**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **499C39**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **006800**, and if you desaturate by 10%, it is **0A680A**.

Distribution



Red (0%)

Green (41%)

Blue (0%)



Red (0%)

Yellow (41%)

Blue (41%)

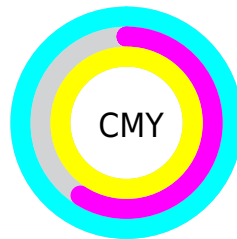


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (100%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006800 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 006800 by changing the saturation by 10% instead.

 006800

 006800

 FFFFF7

 004F00

 499C39

 003700

 65B853

 002200

 81D46C

 000000

 9DF087

 B9FFA2

 D6FFBD

 F4FFDA

 006800

 0A680A

 156815

 1F681F

 2A682A

 346834

 3E683E

 496849

 536853

 5E685E

Harmonies

Analogous

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



545F00



006800



006C3F

Triad

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



006800



0065BB



AE1440

Complementary

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



006800



680068

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.



A41A72



006800



0056BA

Square

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



006800



006CA0



7A3C9F



9F340E

Rectangle

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



006800



006E62



7A3C9F



AE0D51

Sweetspot

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



006800



5F875F



686800



2C452C



C4C4C4



454545

Same Dimension

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



006800



008700



006834



2E332E



007300



00F200

Inverse Universe

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



680068



870087



680034



332E33



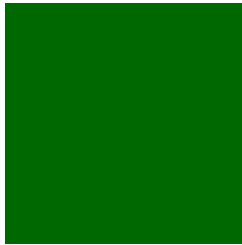
730073



F200F2

Previews

White Background



This preview shows how the Hex color 006800 looks on a white background.

Color Contrast Check

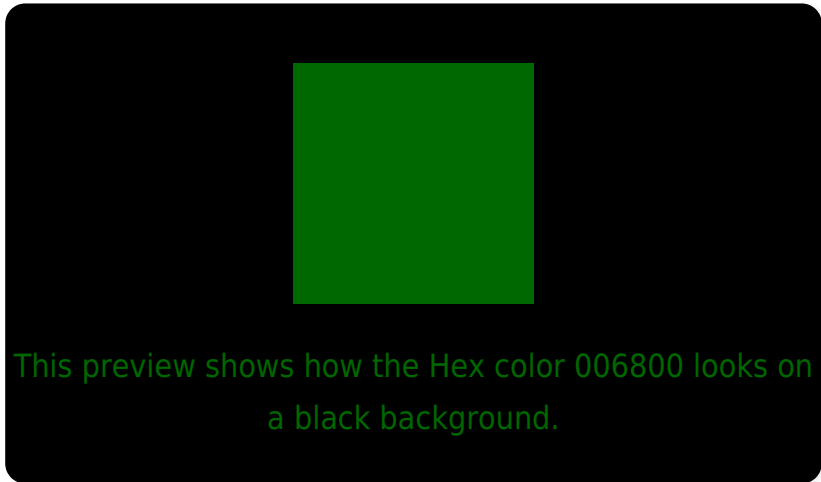
Large Text (above 18pt) WCAG AA ✓ Pass

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 006800 Background



This preview shows how black text looks on a background with the Hex color 006800.



This preview shows how white text looks on a background with the Hex color 006800.

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
006800

Protanopia
645900

Deuteranopia
705417



Tritanopia
2C6168

Trichromacy



Original Color
006800



Protanomaly
405E00



Deuteranomaly
475B0F



Tritanomaly
1C6442

Monochromacy



Original Color
006800



Achromatopsia
3D3D3D



Achromatomaly
274D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 006800 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 #006800 looks like.

```
.text, #text, p{  
    color:#006800  
}
```

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 #006800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006800
}
```

Border

The CSS property to change the border of an element to Hex 006800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

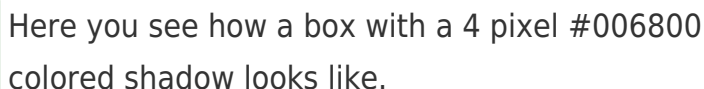
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006800 }
```

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

```
.border{ border-color:#006800 }
```

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



Here you see how a box with a 4 pixel #006800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006800; -webkit-box-shadow:4px 4px  
4px 4px #006800; box-shadow:4px 4px 4px  
4px #006800 }
```

Background

The CSS property to change the background color of an element to Hex 006800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006800 }
```

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

```
.background{ background-color:#006800 }
```

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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