

Converting Colors

Hex(006014)

Have a look what the booklet for
Hex(006014) contains.

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Color

Hex(006014)

Conversions

Conversions Part 1

Format	Color
Hex	006014
RGB	0, 96, 20
RGB Percent	0%, 38%, 8%
CMY	1.0000, 0.6235, 0.9216
CMYK	1.00, 0.00, 0.79, 0.62
HSL	132°, 100%, 19%
HSV	132°, 100%, 38%
XYZ	4.3091, 8.4162, 2.0592
YIQ	58.6320, -32.8200, -43.9880

Conversions

Conversions Part 2

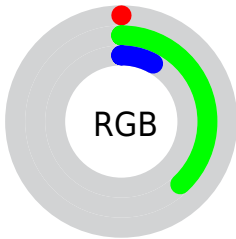
Format	Color
RYB	0, 79, 96
Decimal	24596
CIELab	34.84, -40.83, 34.36
CIELCh	35, 53.364, 139.917
Yxy	8.4162, 0.2915, 0.5693
Android (android.graphics.Color)	4278214676 (0xFF006014)
YUV	58.6320, -19.0456, -51.4203
Hunter-Lab	29.0108, -24.2552, 16.0991

Details

The Hex color **006014** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **60004C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **459444**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **006014**, and if you desaturate by 10%, it is **0A601C**.

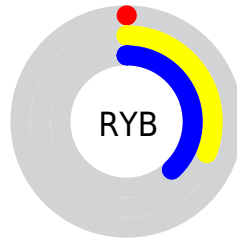
Distribution



Red (0%)

Green (38%)

Blue (8%)



Red (0%)

Yellow (31%)

Blue (38%)

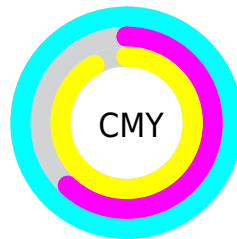


Cyan (100%)

Magenta (0%)

Yellow (79%)

Black (62%)



Cyan (100%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006014 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 006014 by changing the saturation by 10% instead.

 006014

 006014

FFFFFF

 004700

 459444

 003000

 61AF5D

 001A00

 7CCA77

 000000

 97E791

 B3FFAC

 D0FFC7

 EDFFE4

 006014

 0A601C

 136023

 1D602B

 266032

 30603A

 3A6042

 436049

 4D6051

 566058

Harmonies

Analogous

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



495800



006014



006442

Triad

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



006014



005BA6



9B2238

Complementary

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



006014



60004C

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.



952162



006014



294DA3

Square

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



006014



006293



763789



8D370E

Rectangle

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



006014



00655F



763789



9C1E46

Sweetspot

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



006014



577D5F



4D6000



29402E



BFBFBF



404040

Same Dimension

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



006014



007D1A



006043



2C302D



007017



00F032

Inverse Universe

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



60004C



7D0063



60001D



302C2F



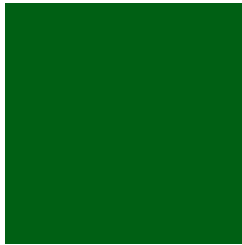
700059



F000BE

Previews

White Background



This preview shows how the Hex color 006014 looks on a white background.

Color Contrast Check

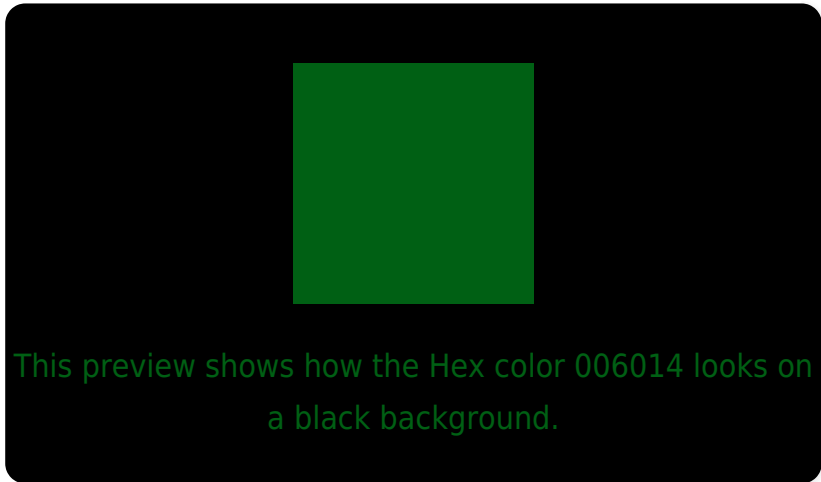
Large Text (above 18pt) WCAG AA ✓ Pass

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 006014 Background



This preview shows how black text looks on a background with the Hex color 006014.



This preview shows how white text looks on a background with the Hex color 006014.

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](#).

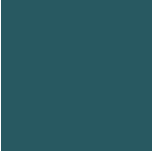
Dichromacy



Original Color
006014

Protanopia
5C5210

Deuteranopia
674E1C



Tritanopia
285961

Trichromacy



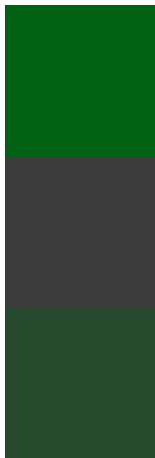
Original Color
006014

Protanomaly
3B5711

Deuteranomaly
425519

Tritanomaly
195C45

Monochromacy



Original Color
006014

Achromatopsia
3B3B3B

Achromatomaly
26482D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006014 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 #006014 looks like.

```
.text, #text, p{  
    color:#006014  
}
```

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 #006014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006014
}
```

Border

The CSS property to change the border of an element to Hex 006014 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
#006014 }
```

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

```
.border{ border-color:#006014 }
```

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

Here you see how a box with a 4 pixel #006014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006014; -webkit-box-shadow:4px 4px  
4px 4px #006014; box-shadow:4px 4px 4px  
4px #006014 }
```

Background

The CSS property to change the background color of an element to Hex 006014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006014 }
```

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

```
.background{ background-color:#006014 }
```

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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