

Converting Colors

Hex(006E1B)

Have a look what the booklet for
Hex(006E1B) contains.

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Color

Hex(006E1B)

Conversions

Conversions Part 1

Format	Color
Hex	006E1B
RGB	0, 110, 27
RGB Percent	0%, 43%, 11%
CMY	1.0000, 0.5686, 0.8941
CMYK	1.00, 0.00, 0.75, 0.57
HSL	135°, 100%, 22%
HSV	135°, 100%, 43%
XYZ	5.7738, 11.2310, 2.9004
YIQ	67.6480, -38.9170, -49.1330

Conversions

Conversions Part 2

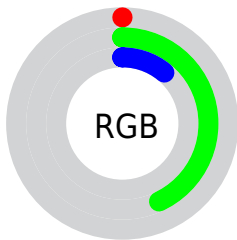
Format	Color
RYB	0, 88, 110
Decimal	28187
CIELab	39.97, -44.68, 36.76
CIELCh	40, 57.865, 140.554
Yxy	11.2310, 0.2901, 0.5642
Android (android.graphics.Color)	4278218267 (0xFF006E1B)
YUV	67.6480, -20.0395, -59.3273
Hunter-Lab	33.5127, -27.8942, 18.3275

Details

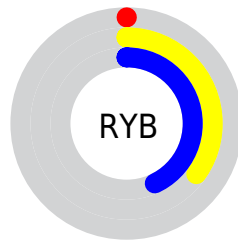
The Hex color **006E1B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6E0053**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4AA34C**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **006E1B**, and if you desaturate by 10%, it is **0B6E23**.

Distribution



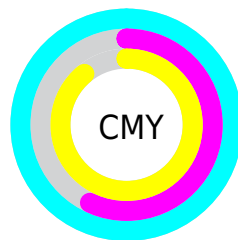
- Red (0%)
- Green (43%)
- Blue (11%)



- Red (0%)
- Yellow (35%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E1B 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 006E1B by changing the saturation by 10% instead.

 006E1B

 006E1B

FFFFFF

 005500

 4AA34C

 003D00

 66BE65

 002800

 82DA7F

 000000

 9EF79A

 BAFFB5

 D7FFD1

 F5FFED

 006E1B

 0B6E23

 166E2C

 216E34

 2C6E3C

 376E45

 426E4D

 4D6E55

 586E5D

 636E66

Harmonies

Analogous

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



546600



006E1B



00724D

Triad

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



006E1B



0068BC



B02A40

Complementary

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



006E1B



6E0053

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.



AA296F



006E1B



3558B8

Square

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



006E1B



0071A7



87409B



9F4112

Rectangle

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



006E1B



00736E



87409B



B12650

Sweetspot

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



006E1B



648F6E



546E00



2E4734



C7C7C7



474747

Same Dimension

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



006E1B



008F23



006E51



323834



00781D



00F73D

Inverse Universe

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



6E0053



8F006C



6E001D



383237



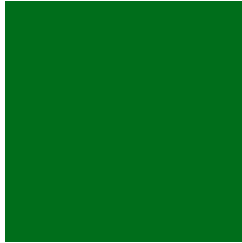
78005A



F700BB

Previews

White Background



This preview shows how the Hex color 006E1B looks on a white background.

Color Contrast Check

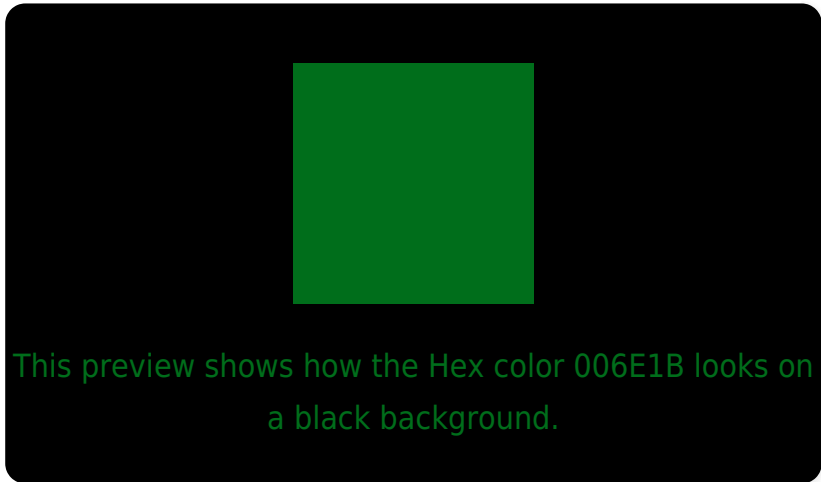
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

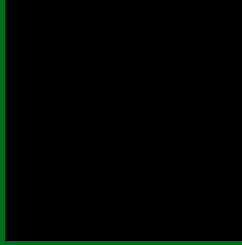
Any Text WCAG AA × Fail

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 006E1B Background



This preview shows how black text looks on a background with the Hex color 006E1B.



This preview shows how white text looks on a background with the Hex color 006E1B.

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
006E1B

Protanopia
6A5E17

Deuteranopia
755923



Tritanopia
2D676F

Trichromacy



Original Color
006E1B



Protanomaly
436418



Deuteranomaly
4A6120



Tritanomaly
1D6A50

Monochromacy



Original Color
006E1B



Achromatopsia
444444



Achromatomaly
2B5335

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E1B 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 #006E1B looks like.

```
.text, #text, p{  
    color:#006E1B  
}
```

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 #006E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E1B
}
```

Border

The CSS property to change the border of an element to Hex 006E1B 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".

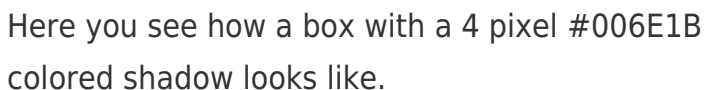
```
.border, #border, table{ border:4px solid
#006E1B }
```

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

```
.border{ border-color:#006E1B }
```

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

Here you see how a box with a 4 pixel #006E1B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is 4 pixels thick and is applied to the bottom and right sides of the box. The text inside the box is black and reads "Here you see how a box with a 4 pixel #006E1B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E1B; -webkit-box-shadow:4px 4px  
4px 4px #006E1B; box-shadow:4px 4px 4px  
4px #006E1B }
```

Background

The CSS property to change the background color of an element to Hex 006E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E1B }
```

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

```
.background{ background-color:#006E1B }
```

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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