

Converting Colors

Hex(006C05)

Have a look what the booklet for
Hex(006C05) contains.

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Color

Hex(006C05)

Conversions

Conversions Part 1

Format	Color
Hex	006C05
RGB	0, 108, 5
RGB Percent	0%, 42%, 2%
CMY	1.0000, 0.5765, 0.9804
CMYK	1.00, 0.00, 0.95, 0.58
HSL	123°, 100%, 21%
HSV	123°, 100%, 42%
XYZ	5.3900, 10.7361, 1.9318
YIQ	63.9660, -31.3050, -54.9290

Conversions

Conversions Part 2

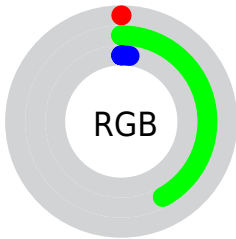
Format	Color
RYB	0, 103, 108
Decimal	27653
CIELab	39.13, -45.54, 42.89
CIELCh	39, 62.562, 136.717
Yxy	10.7361, 0.2985, 0.5945
Android (android.graphics.Color)	4278217733 (0xFF006C05)
YUV	63.9660, -29.0702, -56.0982
Hunter-Lab	32.7660, -27.9774, 19.4406

Details

The Hex color **006C05** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6C0067**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4AA13D**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **006C05**, and if you desaturate by 10%, it is **0B6C0F**.

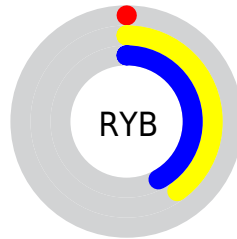
Distribution



Red (0%)

Green (42%)

Blue (2%)



Red (0%)

Yellow (40%)

Blue (42%)

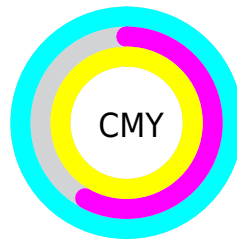


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C05 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 006C05 by changing the saturation by 10% instead.

 006C05

 006C05

 FFFFFB

 005300

 4AA13D

 003B00

 67BC57

 002600

 82D871

 000000

 9FF58B

 BBFFA6

 D8FFC2

 F6FFDE

 006C05

 0B6C0F

 166C1A

 206C24


 2B6C2E

 366C38

 416C43

 4C6C4D

 566C57

 616C62

Harmonies

Analogous

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



566300



006C05



007143

Triad

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



006C05



0069C0



B31942

Complementary

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



006C05



6C0067

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.



AA1E75



006C05



0059BF

Square

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



006C05



0070A6



803EA3



A4380F

Rectangle

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



006C05



007267



803EA3



B31353

Sweetspot

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



006C05



628C64



686C00



2E472F



C7C7C7



474747

Same Dimension

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



006C05



008C06



006C3A



303630



007505



00F50B

Inverse Universe

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



6C0067



8C0086



6C0032



363035



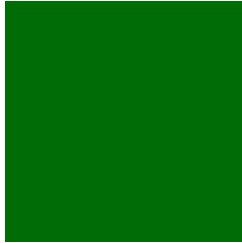
750070



F500E9

Previews

White Background



This preview shows how the Hex color 006C05 looks on a white background.

Color Contrast Check

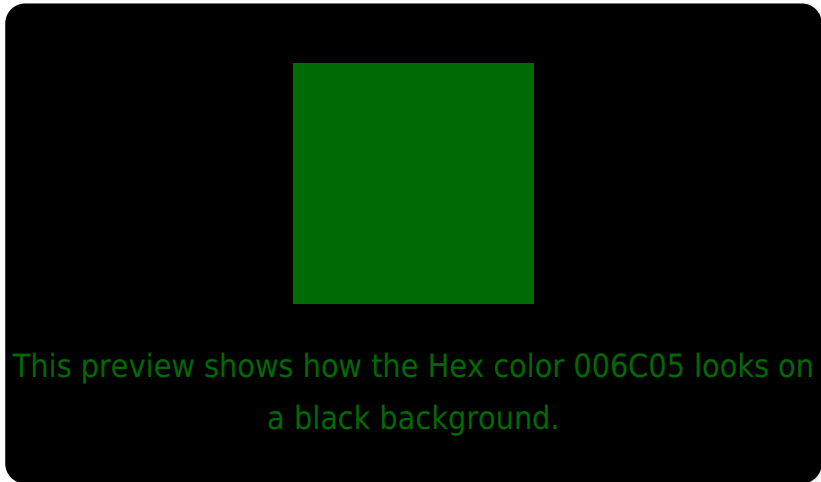
Large Text (above 18pt) WCAG AA ✓ Pass

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 006C05 Background



This preview shows how black text looks on a background with the Hex color 006C05.



This preview shows how white text looks on a background with the Hex color 006C05.

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
006C05

Protanopia
685C00

Deuteranopia
745818



Tritanopia
2D646D

Trichromacy



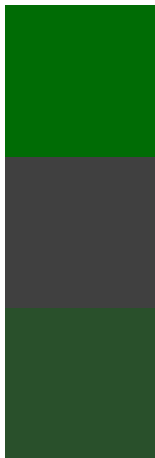
Original Color
006C05

Protanomaly
426202

Deuteranomaly
4A5F11

Tritanomaly
1D6747

Monochromacy



Original Color
006C05

Achromatopsia
404040

Achromatomaly
29502B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C05 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 #006C05 looks like.

```
.text, #text, p{  
    color:#006C05  
}
```

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 #006C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C05
}
```

Border

The CSS property to change the border of an element to Hex 006C05 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".

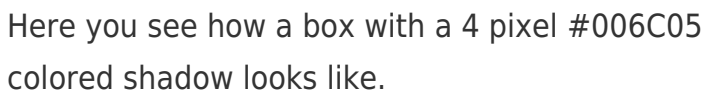
```
.border, #border, table{ border:4px solid
#006C05 }
```

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

```
.border{ border-color:#006C05 }
```

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

Here you see how a box with a 4 pixel #006C05 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C05; -webkit-box-shadow:4px 4px  
4px 4px #006C05; box-shadow:4px 4px 4px  
4px #006C05 }
```

Background

The CSS property to change the background color of an element to Hex 006C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C05 }
```

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

```
.background{ background-color:#006C05 }
```

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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