

Converting Colors

Hex(006C09)

Have a look what the booklet for
Hex(006C09) contains.

Hex(006C09)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006C09)

Conversions

Conversions Part 1

Format	Color
Hex	006C09
RGB	0, 108, 9
RGB Percent	0%, 42%, 4%
CMY	1.0000, 0.5765, 0.9647
CMYK	1.00, 0.00, 0.92, 0.58
HSL	125°, 100%, 21%
HSV	125°, 100%, 42%
XYZ	5.4119, 10.7448, 2.0472
YIQ	64.4220, -32.5890, -53.6850

Conversions

Conversions Part 2

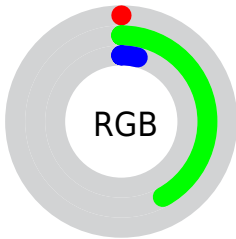
Format	Color
RYB	0, 100, 108
Decimal	27657
CIELab	39.15, -45.35, 41.90
CIELCh	39, 61.742, 137.263
Yxy	10.7448, 0.2973, 0.5903
Android (android.graphics.Color)	4278217737 (0xFF006C09)
YUV	64.4220, -27.3230, -56.4981
Hunter-Lab	32.7793, -27.8935, 19.2427

Details

The Hex color **006C09** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6C0063**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4AA140**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **006C09**, and if you desaturate by 10%, it is **0B6C13**.

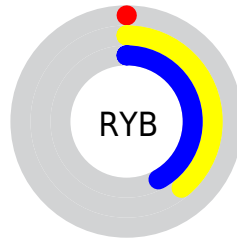
Distribution



Red (0%)

Green (42%)

Blue (4%)



Red (0%)

Yellow (39%)

Blue (42%)

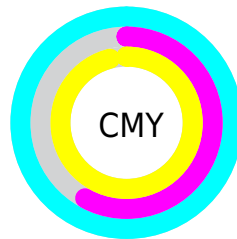


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C09 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 006C09 by changing the saturation by 10% instead.

 006C09

 006C09

FFFFFFD

 005300

 4AA140

 003B00

 66BC59

 002600

 82D873

 000000

 9EF58D

 BBFFA8

 D8FFC4

 F5FFE0

 006C09

 0B6C13

 166C1D

 206C27


 2B6C31

 366C3B

 416C44

 4C6C4E

 566C58

 616C62

Harmonies

Analogous

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



566300



006C09



007044

Triad

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



006C09



0068BF



B21C42

Complementary

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



006C09



6C0063

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.



A91F74



006C09



0158BD

Square

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



006C09



0070A6



813FA1



A33910

Rectangle

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



006C09



007268



813FA1



B31752

Sweetspot

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



006C09



628C66



636C00



2E4730



C7C7C7



474747

Same Dimension

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



006C09



008C0C



006C3F



303631



00750A



00F514

Inverse Universe

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



6C0063



8C0081



6C002D



363035



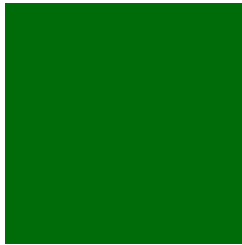
75006C



F500E0

Previews

White Background



This preview shows how the Hex color 006C09 looks on a white background.

Color Contrast Check

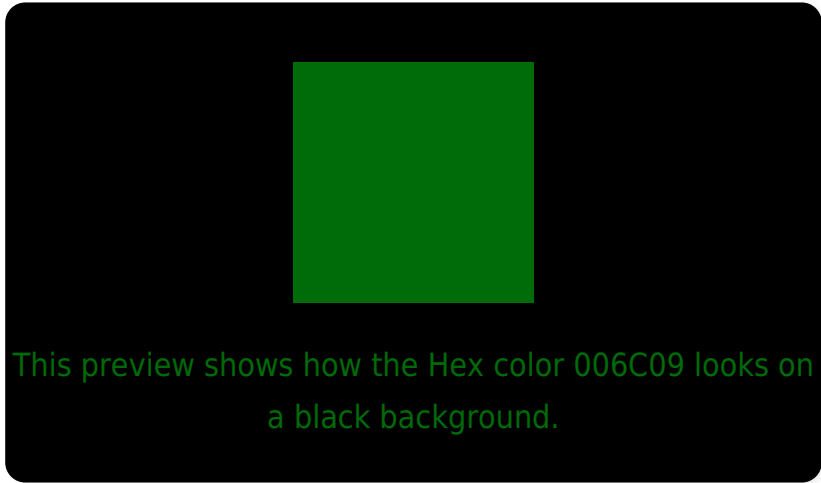
Large Text (above 18pt) WCAG AA ✓ Pass

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 006C09 Background



This preview shows how black text looks on a background with the Hex color 006C09.



This preview shows how white text looks on a background with the Hex color 006C09.

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
006C09

Protanopia
685C00

Deuteranopia
745819



Tritanopia
2D646D

Trichromacy



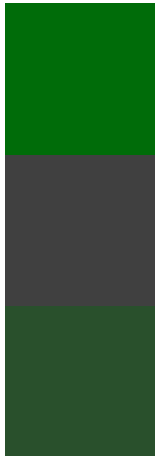
Original Color
006C09

Protanomaly
426203

Deuteranomaly
4A5F13

Tritanomaly
1D6749

Monochromacy



Original Color
006C09

Achromatopsia
404040

Achromatomaly
29502C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C09 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 #006C09 looks like.

```
.text, #text, p{  
    color:#006C09  
}
```

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 #006C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C09
}
```

Border

The CSS property to change the border of an element to Hex 006C09 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
#006C09 }
```

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

```
.border{ border-color:#006C09 }
```

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

Here you see how a box with a 4 pixel #006C09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C09; -webkit-box-shadow:4px 4px  
4px 4px #006C09; box-shadow:4px 4px 4px  
4px #006C09 }
```

Background

The CSS property to change the background color of an element to Hex 006C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C09 }
```

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

```
.background{ background-color:#006C09 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor