

Converting Colors

Hex(096C00)

Have a look what the booklet for
Hex(096C00) contains.

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Color

Hex(096C00)

Conversions

Conversions Part 1

Format	Color
Hex	096C00
RGB	9, 108, 0
RGB Percent	4%, 42%, 0%
CMY	0.9647, 0.5765, 1.0000
CMYK	0.92, 0.00, 1.00, 0.58
HSL	115°, 100%, 21%
HSV	115°, 100%, 42%
XYZ	5.4752, 10.7832, 1.7928
YIQ	66.0870, -24.3360, -54.5760

Conversions

Conversions Part 2

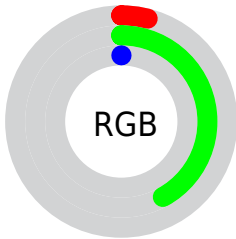
Format	Color
RYB	0, 108, 99
Decimal	617472
CIELab	39.21, -44.88, 44.31
CIELCh	39, 63.073, 135.365
Yxy	10.7832, 0.3033, 0.5974
Android (android.graphics.Color)	4278807552 (0xFF096C00)
YUV	66.0870, -32.5809, -50.0653
Hunter-Lab	32.8378, -27.7039, 19.7495

Details

The Hex color **096C00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **63006C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4EA13B**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **096C00**, and if you desaturate by 10%, it is **136C0B**.

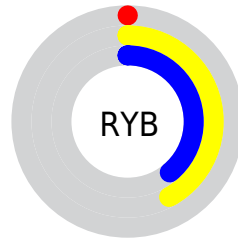
Distribution



Red (4%)

Green (42%)

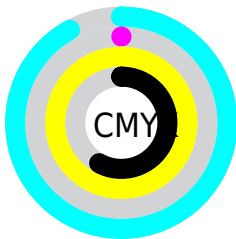
Blue (0%)



Red (0%)

Yellow (42%)

Blue (39%)

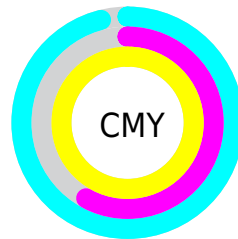


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (96%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 096C00 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 096C00 by changing the saturation by 10% instead.

 096C00

 096C00

 FFFFF8

 005300

 4EA13B

 003B00

 6ABC54

 002600

 85D86E

 000000

 A2F588

 BEFFA3

 DBFFBF


 F9FFDB

 096C00

 136C0B

 1D6C16

 276C20

 316C2B

 3B6C36

 446C41

 4E6C4C

 586C56

 626C61

Harmonies

Analogous

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



596200



096C00



007140

Triad

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



096C00



006AC1



B41745

Complementary

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



096C00



63006C

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.



AA1E78



096C00



005AC1

Square

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



096C00



0071A5



7E40A5



A63612

Rectangle

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



096C00



007265



7E40A5



B41156

Sweetspot

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



096C00



668C62



6C6300



30472E



C7C7C7



474747

Same Dimension

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



096C00



0C8C00



006C2D



313630



0A7500



14F500

Inverse Universe

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



63006C



81008C



6C003F



353036



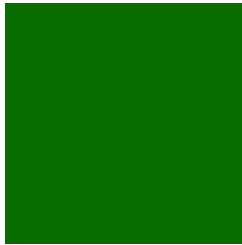
6C0075



E000F5

Previews

White Background



This preview shows how the Hex color 096C00 looks on a white background.

Color Contrast Check

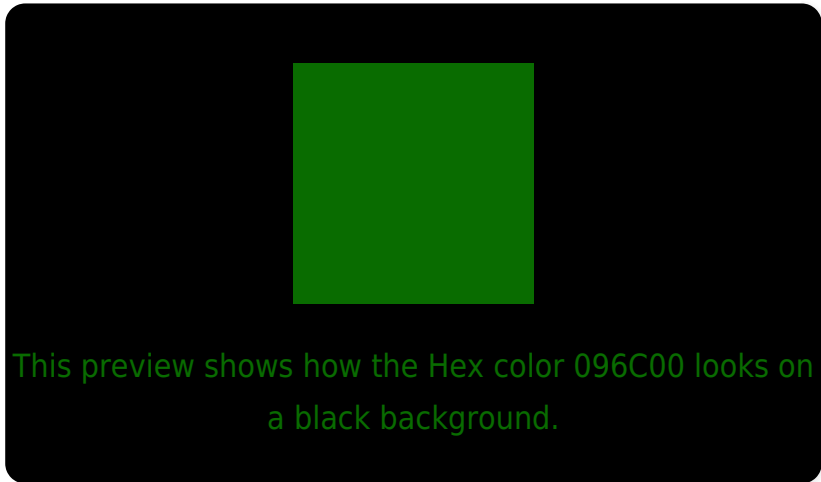
Large Text (above 18pt) WCAG AA ✓ Pass

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

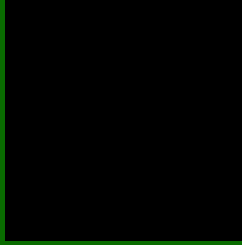
Any Text WCAG AA × Fail

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 096C00 Background



This preview shows how black text looks on a background with the Hex color 096C00.



This preview shows how white text looks on a background with the Hex color 096C00.

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
096C00

Protanopia
685D00

Deuteranopia
745817



Tritanopia
2E646D

Trichromacy



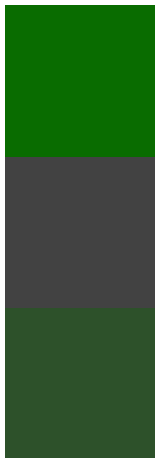
Original Color
096C00

Protanomaly
456200

Deuteranomaly
4D5F0F

Tritanomaly
216745

Monochromacy



Original Color
096C00

Achromatopsia
424242

Achromatomaly
2D512A

CSS Examples

Text

The CSS property to change the color of the text to Hex 096C00 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 #096C00 looks like.

```
.text, #text, p{  
    color:#096C00  
}
```

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 #096C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096C00
}
```

Border

The CSS property to change the border of an element to Hex 096C00 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".

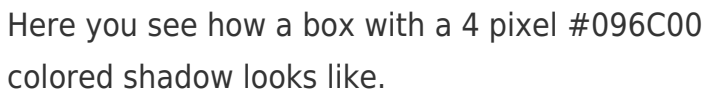
```
.border, #border, table{ border:4px solid
#096C00 }
```

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

```
.border{ border-color:#096C00 }
```

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

Here you see how a box with a 4 pixel #096C00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096C00; -webkit-box-shadow:4px 4px  
4px 4px #096C00; box-shadow:4px 4px 4px  
4px #096C00 }
```

Background

The CSS property to change the background color of an element to Hex 096C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096C00 }
```

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

```
.background{ background-color:#096C00 }
```

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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