

# Converting Colors

Hex(096D04)

Have a look what the booklet for  
Hex(096D04) contains.

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**Color**

**Hex(096D04)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 096D04                      |
| RGB         | 9, 109, 4                   |
| RGB Percent | 4%, 43%, 2%                 |
| CMY         | 0.9647, 0.5725, 0.9843      |
| CMYK        | 0.92, 0.00, 0.96, 0.57      |
| HSL         | 117°, 93%, 22%              |
| HSV         | 117°, 96%, 43%              |
| XYZ         | 5.6032, 11.0041, 1.9436     |
| YIQ         | 67.1300, -25.8950, -53.8550 |

# Conversions

## Conversions Part 2

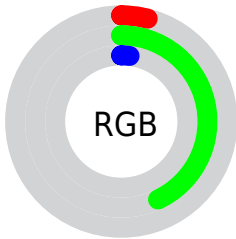
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">4, 109, 104</a>                     |
| Decimal                             | <a href="#">617732</a>                          |
| CIELab                              | <a href="#">39.59, -45.00, 43.57</a>            |
| CIELCh                              | <a href="#">40, 62.641, 135.926</a>             |
| Yxy                                 | <a href="#">11.0041, 0.3020,<br/>0.5932</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4278807812<br/>(0xFF096D04)</a>     |
| YUV                                 | <a href="#">67.1300, -31.1231,<br/>-50.9800</a> |
| Hunter-Lab                          | <a href="#">33.1725, -27.9011,<br/>19.7470</a>  |

# Details

The Hex color **096D04** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **68046D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4EA23D**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **056D00**, and if you desaturate by 10%, it is **136D0F**.

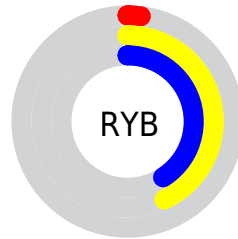
# Distribution



Red (4%)

Green (43%)

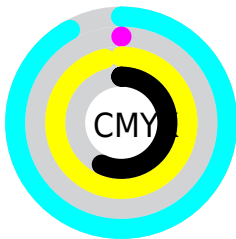
Blue (2%)



Red (2%)

Yellow (43%)

Blue (41%)

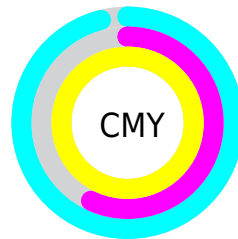


Cyan (92%)

Magenta (0%)

Yellow (96%)

Black (57%)



Cyan (96%)

Magenta (57%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 096D04 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 096D04 by changing the saturation by 10% instead.



 096D04

 096D04

 FFFFFB

 005400

 4EA23D

 003C00

 6ABD57

 002700

 86D970

 000000

 A2F68B

 BEFFA6

 DBFFC2

 F9FFDE

 096D04

 096D04

■ 056D00

■ 136D0F

■ 1E6D1A

■ 286D25

■ 336D30

■ 3D6D3B

■ 476D45

■ 526D50

■ 5C6D5B

■ 666D66

# Harmonies

## Analogous

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



596300



096D04



007243

# Triad

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



096D04



006AC1



B51A45

# Complementary

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



096D04



68046D

# 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.



AB2078



096D04



005AC1

# Square

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



096D04



0072A6



8040A5



A63812

# Rectangle

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



096D04



007366



8040A5



B51555



# Sweetspot

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



096D04



678F65



6D6804



30472E



C7C7C7



474747



# Same Dimension

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



096D04



078F00



046D33



303630



067500



0CF500



# Inverse Universe

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



68046D



88008F



6D043E



353036



700075

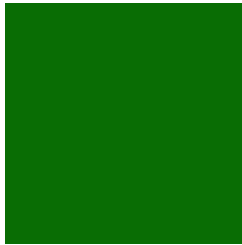


E900F5



# Previews

## White Background



This preview shows how the Hex color 096D04 looks on a white background.

## Color Contrast Check

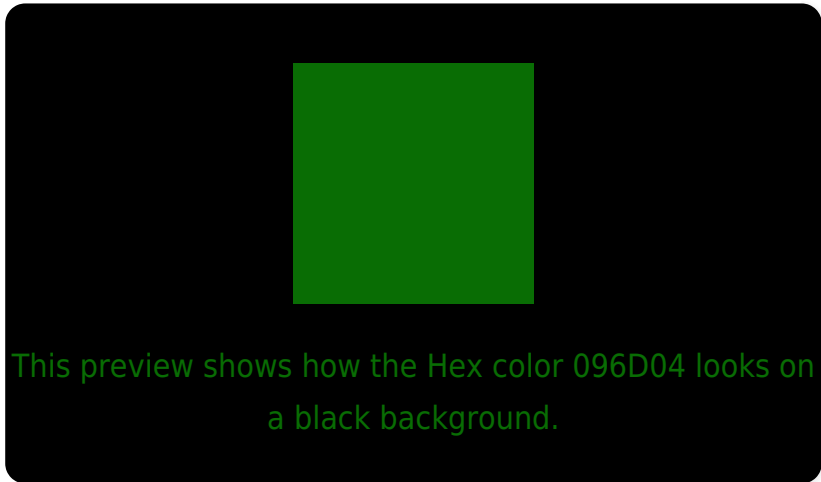
Large Text (above 18pt) WCAG AA ✓ Pass

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 096D04 Background



This preview shows how black text looks on a background with the Hex color 096D04.



This preview shows how white text looks on a background with the Hex color 096D04.

# 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**  
096D04

**Protanopia**  
695D00

**Deuteranopia**  
755818



**Tritanopia**  
2E656E

# Trichromacy



**Original Color**

096D04



**Protanomaly**

466301



**Deuteranomaly**

4E6011



**Tritanomaly**

216847

# Monochromacy



**Original Color**

096D04



**Achromatopsia**

434343



**Achromatomaly**

2E522C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 096D04 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 #096D04 looks like.

```
.text, #text, p{  
    color:#096D04  
}
```

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 #096D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096D04
}
```

## Border

The CSS property to change the border of an element to Hex 096D04 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".

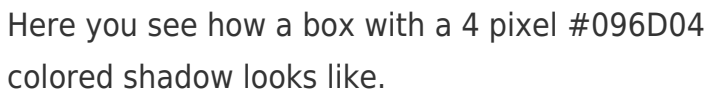
```
.border, #border, table{ border:4px solid
#096D04 }
```

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

```
.border{ border-color:#096D04 }
```

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

Here you see how a box with a 4 pixel #096D04 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 #096D04; -webkit-box-shadow:4px 4px  
4px 4px #096D04; box-shadow:4px 4px 4px  
4px #096D04 }
```

# Background

The CSS property to change the background color of an element to Hex 096D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096D04 }
```

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

```
.background{ background-color:#096D04 }
```

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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