

# Converting Colors

Hex(0C5E06)

Have a look what the booklet for  
Hex(0C5E06) contains.

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# Color

Hex(0C5E06)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C5E06
RGB	12, 94, 6
RGB Percent	5%, 37%, 2%
CMY	0.9529, 0.6314, 0.9765
CMYK	0.87, 0.00, 0.94, 0.63
HSL	116°, 88%, 20%
HSV	116°, 94%, 37%
XYZ	4.1872, 8.0967, 1.5144
YIQ	59.4500, -20.6240, -44.7520

# Conversions

## Conversions Part 2

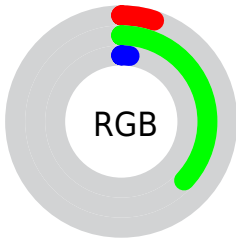
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 94, 88</a>
Decimal	<a href="#">810502</a>
CIELab	<a href="#">34.18, -39.72, 38.43</a>
CIElCh	<a href="#">34, 55.264, 135.948</a>
Yxy	<a href="#">8.0967, 0.3035, 0.5868</a>
Android (android.graphics.Color)	<a href="#">4279000582 (0xFF0C5E06)</a>
YUV	<a href="#">59.4500, -26.3508, -41.6136</a>
Hunter-Lab	<a href="#">28.4547, -23.5290, 16.7628</a>

# Details

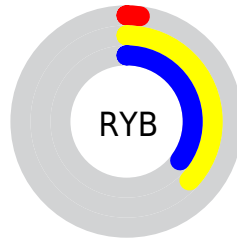
The Hex color **0C5E06** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **58065E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4A913B**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **065E00**, and if you desaturate by 10%, it is **155E0F**.

# Distribution



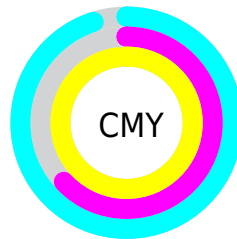
- Red (5%)
- Green (37%)
- Blue (2%)



- Red (2%)
- Yellow (37%)
- Blue (35%)



- Cyan (87%)
- Magenta (0%)
- Yellow (94%)
- Black (63%)



- Cyan (95%)
- Magenta (63%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C5E06 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 0C5E06 by changing the saturation by 10% instead.



 0C5E06

 0C5E06

 FFFFFFF6

 004600

 4A913B

 002F00

 65AC54

 001700

 80C86D

 000000

 9CE487

 B8FFA2

 D4FFBD

 F1FFDA

 0C5E06

 0C5E06

■ 065E00

■ 155E0F

■ 1E5E19

■ 265E22

■ 2F5E2C

■ 385E35

■ 415E3E

■ 495E48

■ 525E51

■ 5B5E5B

# Harmonies

## Analogous

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



4D5600



0C5E06



006239

# Triad

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



0C5E06



005CA6



9C193B

# Complementary

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



0C5E06



58065E

# 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.



931E67



0C5E06



004EA6

# Square

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



0C5E06



00628F



6E388E



8F3110

# Rectangle

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



0C5E06



006358



6E388E



9C164A



# Sweetspot

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



0C5E06



5A7A58



5E5706



2A3D28



BDBDBD



3D3D3D



# Same Dimension

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



0C5E06



087A00



065E2B



2A2E29



076E00



10ED00



# Inverse Universe

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



58065E



72007A



5E0639



2E292E



66006E

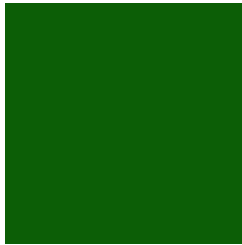


DD00ED



# Previews

## White Background



This preview shows how the Hex color 0C5E06 looks on a white background.

## Color Contrast Check

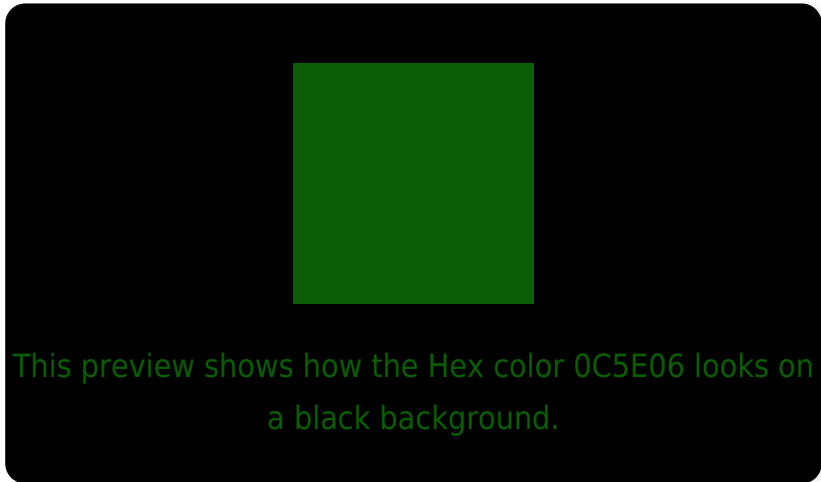
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

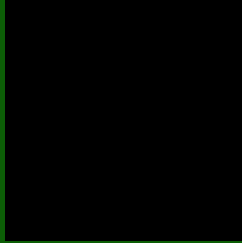
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C5E06 Background



This preview shows how black text looks on a background with the Hex color 0C5E06.



This preview shows how white text looks on a background with the Hex color 0C5E06.

# 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**  
0C5E06

**Protanopia**  
5B5100

**Deuteranopia**  
654C15



# Trichromacy



**Original Color**  
0C5E06

**Protanomaly**  
3E5602

**Deuteranomaly**  
455310

**Tritanomaly**  
1E5A3E

# Monochromacy



**Original Color**  
0C5E06

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2A4828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C5E06 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 #0C5E06 looks like.

```
.text, #text, p{  
    color:#0C5E06  
}
```

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 #0C5E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5E06
}
```

## Border

The CSS property to change the border of an element to Hex 0C5E06 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".

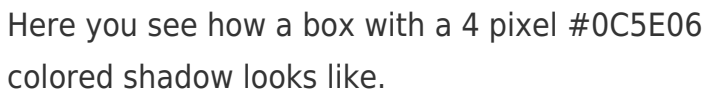
```
.border, #border, table{ border:4px solid
#0C5E06 }
```

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

```
.border{ border-color:#0C5E06 }
```

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

Here you see how a box with a 4 pixel #0C5E06 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5E06; -webkit-box-shadow:4px 4px  
4px 4px #0C5E06; box-shadow:4px 4px 4px  
4px #0C5E06 }
```

# Background

The CSS property to change the background color of an element to Hex 0C5E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5E06 }
```

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

```
.background{ background-color:#0C5E06 }
```

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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