

# Converting Colors

Hex(0C5711)

Have a look what the booklet for  
Hex(0C5711) contains.

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# Color

**Hex(0C5711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C5711
RGB	12, 87, 17
RGB Percent	5%, 34%, 7%
CMY	0.9529, 0.6588, 0.9333
CMYK	0.86, 0.00, 0.80, 0.66
HSL	124°, 76%, 19%
HSV	124°, 86%, 34%
XYZ	3.6610, 6.9350, 1.6760
YIQ	56.5950, -22.2300, -37.6700

# Conversions

## Conversions Part 2

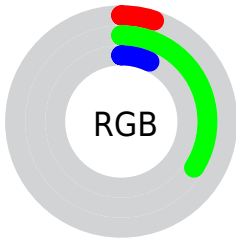
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 82, 87
Decimal	808721
CIELab	31.66, -36.57, 32.42
CIELCh	32, 48.868, 138.440
Yxy	6.9350, 0.2983, 0.5651
Android (android.graphics.Color)	4278998801 (0xFF0C5711)
YUV	56.5950, -19.5203, -39.1098
Hunter-Lab	26.3344, -21.2703, 14.6608

# Details

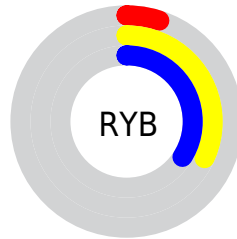
The Hex color **0C5711** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **570C52**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **478A41**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **035709**, and if you desaturate by 10%, it is **155719**.

# Distribution



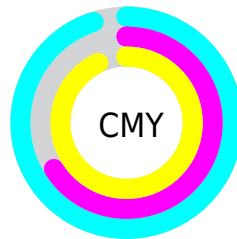
- Red (5%)
- Green (34%)
- Blue (7%)



- Red (5%)
- Yellow (32%)
- Blue (34%)



- Cyan (86%)
- Magenta (0%)
- Yellow (80%)
- Black (66%)



- Cyan (95%)
- Magenta (66%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C5711 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 0C5711 by changing the saturation by 10% instead.



 0C5711

 0C5711

FFFFFFC

 003F00

 478A41

 002900

 62A459

 000B00

 7CC072

 000000

 97DC8C

 B3F9A7

 D0FFC3

 ECFFDF

 0C5711

 0C5711

■ 035709

■ 155719

■ 005706

■ 1D5721

■ 265729

■ 2F5731

■ 37573A

■ 405742

■ 49574A

■ 525752

■ 5A575A

# Harmonies

## Analogous

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



455000



0C5711



005A3A

# Triad

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



0C5711



005396



8D2035

# Complementary

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



0C5711



570C52

# 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.



87205B



0C5711



214794

# Square

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



0C5711



005A84



69347E



813210

# Rectangle

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



0C5711



005B55



69347E



8D1D41



# Sweetspot

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



0C5711



537055



52570C



273828



B8B8B8



383838



# Same Dimension

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



0C5711



007007



0C5736



272B27



006B07



00EB10



# Inverse Universe

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



570C52



700069



570C2D



2B272B



6B0064



EB00DB



# Previews

## White Background



This preview shows how the Hex color 0C5711 looks on a white background.

## Color Contrast Check

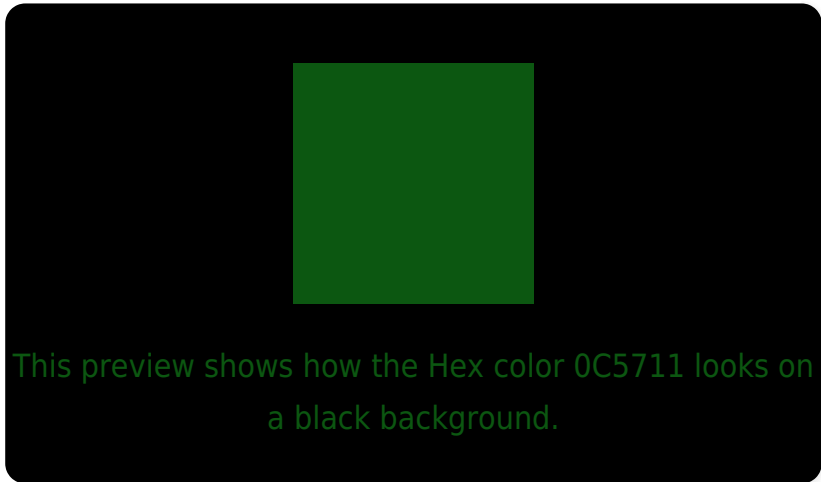
Large Text (above 18pt) WCAG AA ✓ Pass

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

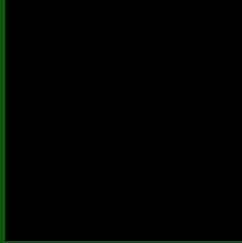
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C5711 Background



This preview shows how black text looks on a background with the Hex color 0C5711.



This preview shows how white text looks on a background with the Hex color 0C5711.

# 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**  
0C5711

**Protanopia**  
544B0E

**Deuteranopia**  
5D4719



**Tritanopia**  
265158

# Trichromacy



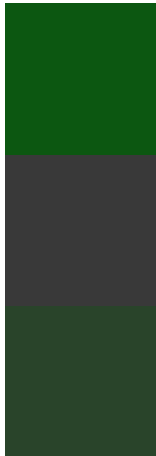
**Original Color**  
0C5711

**Protanomaly**  
3A4F0F

**Deuteranomaly**  
404D16

**Tritanomaly**  
1D533E

# Monochromacy



**Original Color**  
0C5711

**Achromatopsia**  
393939

**Achromatomaly**  
29442A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C5711 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 #0C5711 looks like.

```
.text, #text, p{  
    color:#0C5711  
}
```

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 #0C5711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5711
}
```

## Border

The CSS property to change the border of an element to Hex 0C5711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

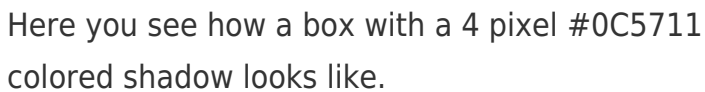
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C5711 }
```

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

```
.border{ border-color:#0C5711 }
```

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



Here you see how a box with a 4 pixel #0C5711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5711; -webkit-box-shadow:4px 4px  
4px 4px #0C5711; box-shadow:4px 4px 4px  
4px #0C5711 }
```

# Background

The CSS property to change the background color of an element to Hex 0C5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5711 }
```

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

```
.background{ background-color:#0C5711 }
```

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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