

Converting Colors

Hex(0C5F0C)

Have a look what the booklet for
Hex(0C5F0C) contains.

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Color

Hex(0C5F0C)

Conversions

Conversions Part 1

Format	Color
Hex	0C5F0C
RGB	12, 95, 12
RGB Percent	5%, 37%, 5%
CMY	0.9529, 0.6275, 0.9529
CMYK	0.87, 0.00, 0.87, 0.63
HSL	120°, 78%, 21%
HSV	120°, 87%, 37%
XYZ	4.3102, 8.2891, 1.7206
YIQ	60.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

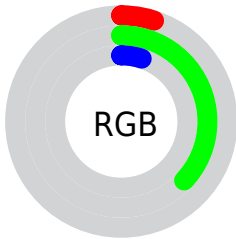
Format	Color
RYB	12, 95, 95
Decimal	810764
CIELab	34.58, -39.71, 37.01
CIELCh	35, 54.283, 137.009
Yxy	8.2891, 0.3010, 0.5789
Android (android.graphics.Color)	4279000844 (0xFF0C5F0C)
YUV	60.7210, -24.0195, -42.7283
Hunter-Lab	28.7908, -23.6613, 16.6103

Details

The Hex color **0C5F0C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F0C5F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A923F**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **025F02**, and if you desaturate by 10%, it is **155F15**.

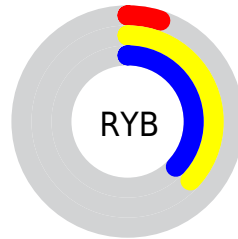
Distribution



Red (5%)

Green (37%)

Blue (5%)



Red (5%)

Yellow (37%)

Blue (37%)

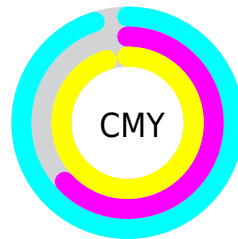


Cyan (87%)

Magenta (0%)

Yellow (87%)

Black (63%)



Cyan (95%)

Magenta (63%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5F0C 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 0C5F0C by changing the saturation by 10% instead.

 0C5F0C

 0C5F0C

 FFFFFA

 004700

 4A923F

 002F00

 65AD57

 001900

 80C971

 000000

 9CE58B

 B8FFA6

 D4FFC1

 F1FFDE

 0C5F0C

 0C5F0C

■ 025F02

■ 155F15

■ 005F00

■ 1F5F1F

■ 285F28

■ 325F32

■ 3B5F3B

■ 455F45

■ 4E5F4E

■ 585F58

■ 625F62

Harmonies

Analogous

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



4D5700



0C5F0C



00633C

Triad

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



0C5F0C



005CA6



9C1E3B

Complementary

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



0C5F0C



5F0C5F

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.



942066



0C5F0C



104EA5

Square

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



0C5F0C



006290



71388D



8F3411

Rectangle

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



0C5F0C



00645B



71388D



9C1A49

Sweetspot

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



0C5F0C



5B7A5B



5F5F0C



2A3D2A



BDBDBD



3D3D3D

Same Dimension

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



0C5F0C



007A00



0C5F36



2C302C



007000



00F000

Inverse Universe

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



5F0C5F



7A007A



5F0C36



302C30



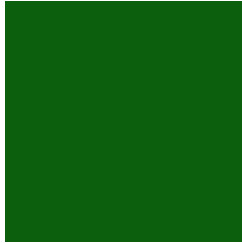
700070



F000F0

Previews

White Background



This preview shows how the Hex color 0C5F0C looks on a white background.

Color Contrast Check

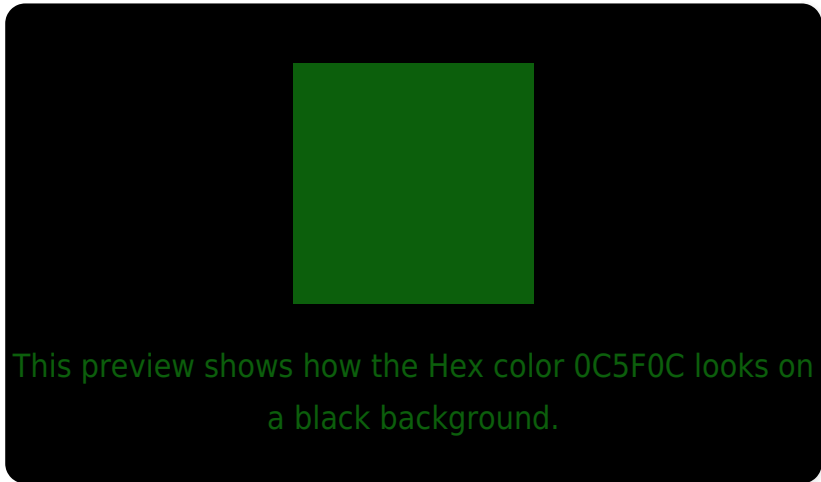
Large Text (above 18pt) WCAG AA ✓ Pass

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

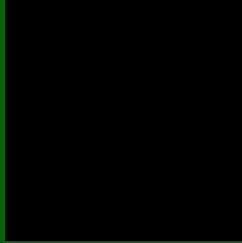
Any Text WCAG AA × Fail

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 0C5F0C Background



This preview shows how black text looks on a background with the Hex color 0C5F0C.



This preview shows how white text looks on a background with the Hex color 0C5F0C.

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
0C5F0C

Protanopia
5C5107

Deuteranopia
664D17



Tritanopia
295860

Trichromacy



Original Color
0C5F0C

Protanomaly
3F5609

Deuteranomaly
455413

Tritanomaly
1E5B41

Monochromacy



Original Color
0C5F0C

Achromatopsia
3D3D3D

Achromatomaly
2B492B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5F0C 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 #0C5F0C looks like.

```
.text, #text, p{  
    color:#0C5F0C  
}
```

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 #0C5F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5F0C
}
```

Border

The CSS property to change the border of an element to Hex 0C5F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

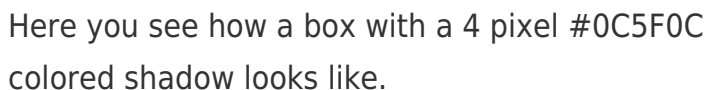
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C5F0C }
```

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

```
.border{ border-color:#0C5F0C }
```

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



Here you see how a box with a 4 pixel #0C5F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5F0C; -webkit-box-shadow:4px 4px  
4px 4px #0C5F0C; box-shadow:4px 4px 4px  
4px #0C5F0C }
```

Background

The CSS property to change the background color of an element to Hex 0C5F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5F0C }
```

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

```
.background{ background-color:#0C5F0C }
```

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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