

# Converting Colors

Hex(0C5A15)

Have a look what the booklet for  
Hex(0C5A15) contains.

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# Color

**Hex(0C5A15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C5A15
RGB	12, 90, 21
RGB Percent	5%, 35%, 8%
CMY	0.9529, 0.6471, 0.9176
CMYK	0.87, 0.00, 0.77, 0.65
HSL	127°, 76%, 20%
HSV	127°, 87%, 35%
XYZ	3.9431, 7.4446, 1.9386
YIQ	58.8120, -24.3390, -37.9950

# Conversions

## Conversions Part 2

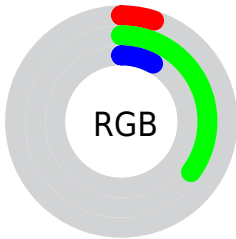
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 82, 90
Decimal	809493
CIELab	32.80, -37.25, 31.91
CIElCh	33, 49.048, 139.413
Yxy	7.4446, 0.2959, 0.5586
Android (android.graphics.Color)	4278999573 (0xFF0C5A15)
YUV	58.8120, -18.6413, -41.0541
Hunter-Lab	27.2849, -21.9521, 14.8868

# Details

The Hex color **0C5A15** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5A0C51**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **488D44**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **035A0D**, and if you desaturate by 10%, it is **155A1D**.

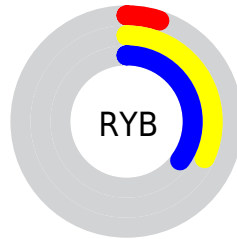
# Distribution



Red (5%)

Green (35%)

Blue (8%)



Red (5%)

Yellow (32%)

Blue (35%)

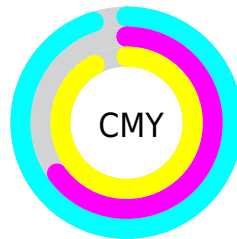


Cyan (87%)

Magenta (0%)

Yellow (77%)

Black (65%)



Cyan (95%)

Magenta (65%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C5A15 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 0C5A15 by changing the saturation by 10% instead.





0C5A15



0C5A15

FFFFFF



004200



488D44



002B00



62A85D



001100



7DC376



000000



99DF90



B4FCAB



D1FFC7



EEFFE3



0C5A15



0C5A15

■ 035A0D

■ 155A1D

■ 005A0A

■ 1E5A25

■ 275A2D

■ 305A35

■ 395A3D

■ 425A45

■ 4B5A4D

■ 545A55

■ 5D5A5D

# Harmonies

## Analogous

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



465300



0C5A15



005D3E

# Triad

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



0C5A15



00569A



902336

# Complementary

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



0C5A15



5A0C51

# 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.



8B235D



0C5A15



294997

# Square

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



0C5A15



005C88



6D3680



843511

# Rectangle

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



0C5A15



005E59



6D3680



912043



# Sweetspot

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



0C5A15



57755A



525A0C



283B2B



BABABA



3B3B3B



# Same Dimension

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



0C5A15



00750E



0C5A3B



292E2A



006E0D



00ED1B



# Inverse Universe

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



5A0C51



750068



5A0C2B



2E292D



6E0061

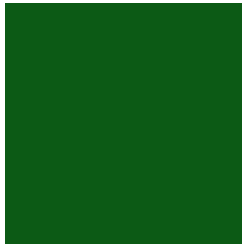


ED00D2



# Previews

## White Background



This preview shows how the Hex color 0C5A15 looks on a white background.

## Color Contrast Check

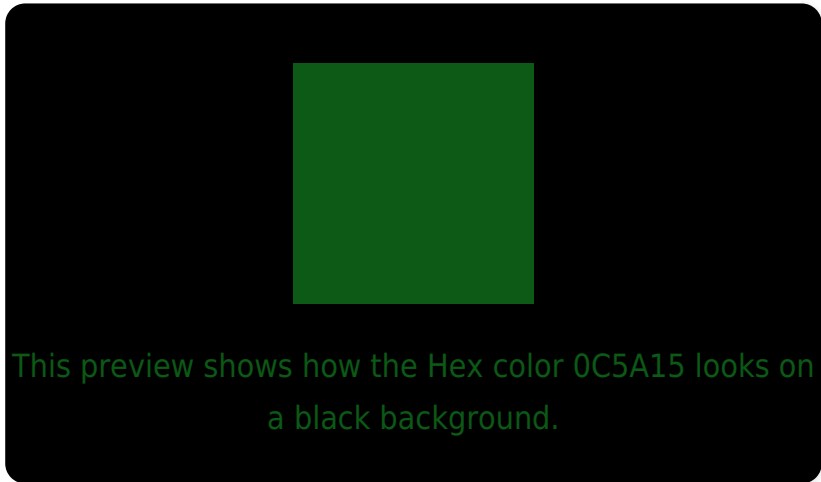
Large Text (above 18pt) WCAG AA ✓ Pass

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

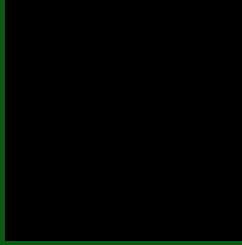
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C5A15 Background



This preview shows how black text looks on a background with the Hex color 0C5A15.



This preview shows how white text looks on a background with the Hex color 0C5A15.

# 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**  
0C5A15

**Protanopia**  
574D12

**Deuteranopia**  
60491C



**Tritanopia**  
27545B

# Trichromacy



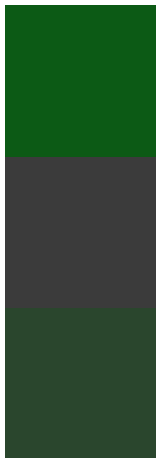
**Original Color**  
0C5A15

**Protanomaly**  
3C5213

**Deuteranomaly**  
414F19

**Tritanomaly**  
1D5642

# Monochromacy



**Original Color**  
0C5A15

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2A462D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C5A15 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 #0C5A15 looks like.

```
.text, #text, p{  
    color:#0C5A15  
}
```

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 #0C5A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5A15
}
```

## Border

The CSS property to change the border of an element to Hex 0C5A15 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
#0C5A15 }
```

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

```
.border{ border-color:#0C5A15 }
```

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

Here you see how a box with a 4 pixel #0C5A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5A15; -webkit-box-shadow:4px 4px  
4px 4px #0C5A15; box-shadow:4px 4px 4px  
4px #0C5A15 }
```

# Background

The CSS property to change the background color of an element to Hex 0C5A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5A15 }
```

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

```
.background{ background-color:#0C5A15 }
```

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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