

# Converting Colors

Hex(0A5C0F)

Have a look what the booklet for  
Hex(0A5C0F) contains.

<b>Hex(0A5C0F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0A5C0F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A5C0F
RGB	10, 92, 15
RGB Percent	4%, 36%, 6%
CMY	0.9608, 0.6392, 0.9412
CMYK	0.89, 0.00, 0.84, 0.64
HSL	124°, 80%, 20%
HSV	124°, 89%, 36%
XYZ	4.0385, 7.7533, 1.7356
YIQ	58.7040, -24.1550, -41.3310

# Conversions

## Conversions Part 2

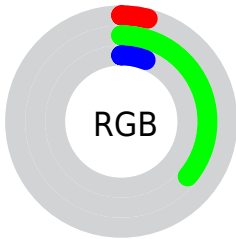
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 87, 92
Decimal	678927
CIELab	33.46, -38.73, 34.95
CIELCh	33, 52.168, 137.939
Yxy	7.7533, 0.2985, 0.5732
Android (android.graphics.Color)	4278869007 (0xFF0A5C0F)
YUV	58.7040, -21.5461, -42.7134
Hunter-Lab	27.8448, -22.8391, 15.7957

# Details

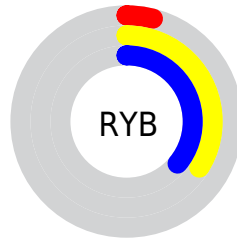
The Hex color **0A5C0F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5C0A57**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **488F40**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **015C06**, and if you desaturate by 10%, it is **135C18**.

# Distribution



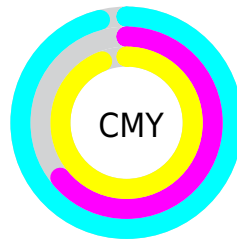
- Red (4%)
- Green (36%)
- Blue (6%)



- Red (4%)
- Yellow (34%)
- Blue (36%)



- Cyan (89%)
- Magenta (0%)
- Yellow (84%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5C0F 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 0A5C0F by changing the saturation by 10% instead.





0A5C0F



0A5C0F

FFFFFFC



004400



488F40



002D00



63AA59



001400



7EC672



000000



99E28C



B5FFA7



D2FFC2



EFFFDf



0A5C0F



0A5C0F

■ 015C06

■ 135C18

■ 005C06

■ 1C5C20

■ 265C29

■ 2F5C32

■ 385C3A

■ 415C43

■ 4A5C4B

■ 545C54

■ 5D5C5D

# Harmonies

## Analogous

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



495400



0A5C0F



00603C

# Triad

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



0A5C0F



0058A0



961F38

# Complementary

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



0A5C0F



5C0A57

# 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.



8F2061



0A5C0F



1B4B9E

# Square

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



0A5C0F



005F8C



6E3687



893310

# Rectangle

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



0A5C0F



006159



6E3687



961B46



# Sweetspot

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



0A5C0F



577859



585C0A



2A3D2B



BDBDBD



3D3D3D



# Same Dimension

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



0A5C0F



007807



0A5C37



292E2A



006E07



00ED0E



# Inverse Universe

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



5C0A57



780071



5C0A2F



2E292E



6E0067

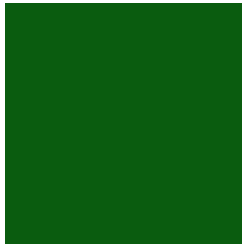


ED00DF



# Previews

## White Background



This preview shows how the Hex color 0A5C0F looks on a white background.

## Color Contrast Check

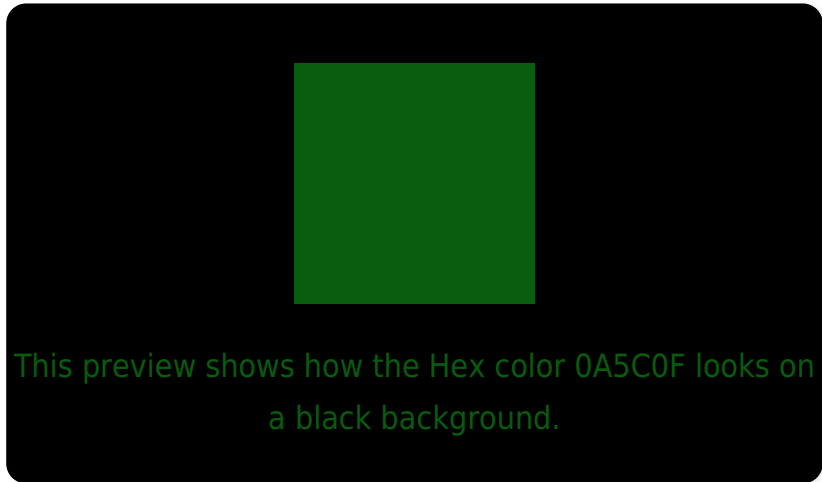
Large Text (above 18pt) WCAG AA ✓ Pass

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

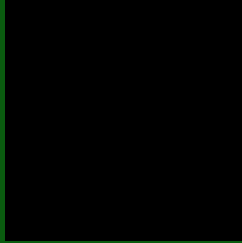
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5C0F Background



This preview shows how black text looks on a background with the Hex color 0A5C0F.



This preview shows how white text looks on a background with the Hex color 0A5C0F.

# 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](#).

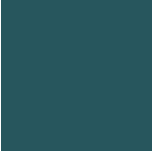
## Dichromacy



**Original Color**  
0A5C0F

**Protanopia**  
594F0B

**Deuteranopia**  
634B18



**Tritanopia**  
27565D

# Trichromacy



**Original Color**  
0A5C0F



**Protanomaly**  
3C540C



**Deuteranomaly**  
435115



**Tritanomaly**  
1C5841

# Monochromacy



**Original Color**  
0A5C0F



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
29472B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5C0F 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 #0A5C0F looks like.

```
.text, #text, p{  
    color:#0A5C0F  
}
```

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 #0A5C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5C0F
}
```

## Border

The CSS property to change the border of an element to Hex 0A5C0F 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".

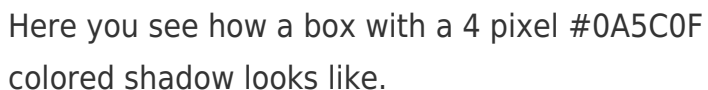
```
.border, #border, table{ border:4px solid
#0A5C0F }
```

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

```
.border{ border-color:#0A5C0F }
```

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

Here you see how a box with a 4 pixel #0A5C0F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5C0F; -webkit-box-shadow:4px 4px  
4px 4px #0A5C0F; box-shadow:4px 4px 4px  
4px #0A5C0F }
```

# Background

The CSS property to change the background color of an element to Hex 0A5C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5C0F }
```

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

```
.background{ background-color:#0A5C0F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor