

# Converting Colors

Hex(0F4C0B)

Have a look what the booklet for  
Hex(0F4C0B) contains.

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# Color

**Hex(0F4C0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F4C0B
RGB	15, 76, 11
RGB Percent	6%, 30%, 4%
CMY	0.9412, 0.7020, 0.9569
CMYK	0.80, 0.00, 0.86, 0.70
HSL	116°, 75%, 17%
HSV	116°, 86%, 30%
XYZ	2.8418, 5.2946, 1.1888
YIQ	50.3510, -15.4910, -33.1470

# Conversions

## Conversions Part 2

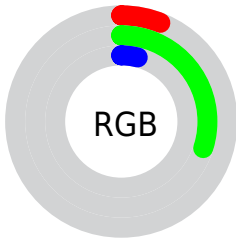
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 76, 72
Decimal	1002507
CIELab	27.56, -32.56, 30.73
CIELCh	28, 44.774, 136.657
Yxy	5.2946, 0.3047, 0.5678
Android (android.graphics.Color)	4279192587 (0xFF0F4C0B)
YUV	50.3510, -19.4000, -31.0028
Hunter-Lab	23.0100, -18.2219, 13.0438

# Details

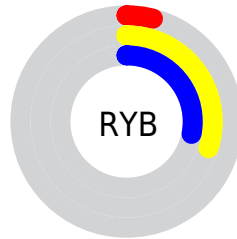
The Hex color **0F4C0B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **480B4C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **467E3A**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **084C03**, and if you desaturate by 10%, it is **164C13**.

# Distribution



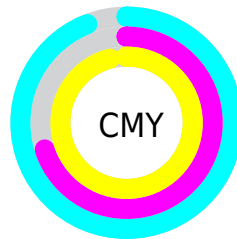
- Red (6%)
- Green (30%)
- Blue (4%)



- Red (4%)
- Yellow (30%)
- Blue (28%)



- Cyan (80%)
- Magenta (0%)
- Yellow (86%)
- Black (70%)



- Cyan (94%)
- Magenta (70%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F4C0B 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 0F4C0B by changing the saturation by 10% instead.



 0F4C0B

 0F4C0B

 FFFFF3

 003500

 467E3A

 002200

 5F9852

 000000

 7AB36B

 94CF85

 B0EBA0

 CCFFBB

 E9FFD7

 0F4C0B

 0F4C0B

■ 084C03

■ 164C13

■ 054C00

■ 1D4C1A

■ 244C22

■ 2C4C29

■ 334C31

■ 3A4C39

■ 414C40

■ 484C48

■ 4F4C4F

# Harmonies

## Analogous

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



3E4500



0F4C0B



004F30

# Triad

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



0F4C0B



004A84



7D1A30

# Complementary

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



0F4C0B



480B4C

# 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.



761C52



0F4C0B



123F84

# Square

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



0F4C0B



004F73



5A2E71



732A0F

# Rectangle

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



0F4C0B



005048



5A2E71



7D183B



# Sweetspot

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



0F4C0B



4B634A



4C480B



243323



B3B3B3



333333



# Same Dimension

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



0F4C0B



066300



0B4C27



232622



066600



0EE600



# Inverse Universe

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



480B4C



5D0063



4C0B30



262226



600066



D700E6



# Previews

## White Background



This preview shows how the Hex color 0F4C0B looks on a white background.

## Color Contrast Check

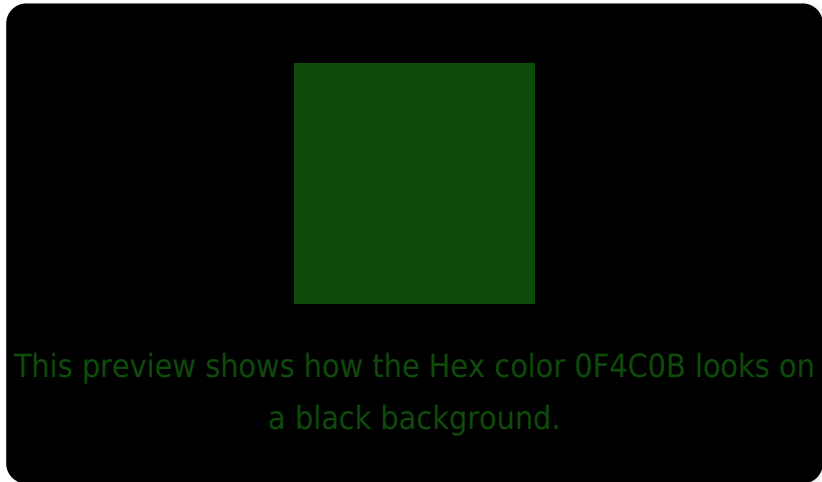
Large Text (above 18pt) WCAG AA ✓ Pass

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

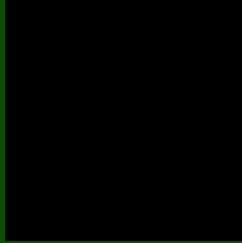
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F4C0B Background



This preview shows how black text looks on a background with the Hex color 0F4C0B.



This preview shows how white text looks on a background with the Hex color 0F4C0B.

# 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**  
0F4C0B

**Protanopia**  
4A4108

**Deuteranopia**  
523E13



**Tritanopia**  
22474C

# Trichromacy



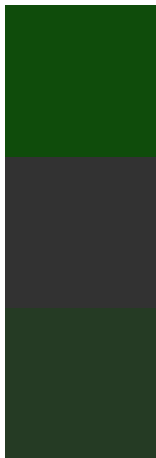
**Original Color**  
0F4C0B

**Protanomaly**  
354509

**Deuteranomaly**  
3A4310

**Tritanomaly**  
1B4934

# Monochromacy



**Original Color**  
0F4C0B

**Achromatopsia**  
323232

**Achromatomaly**  
253B24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F4C0B 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 #0F4C0B looks like.

```
.text, #text, p{  
    color:#0F4C0B  
}
```

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 #0F4C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4C0B
}
```

## Border

The CSS property to change the border of an element to Hex 0F4C0B 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".

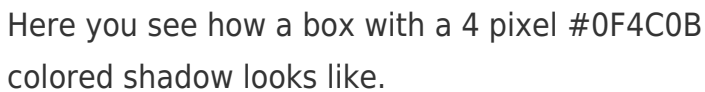
```
.border, #border, table{ border:4px solid
#0F4C0B }
```

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

```
.border{ border-color:#0F4C0B }
```

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

Here you see how a box with a 4 pixel #0F4C0B 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 #0F4C0B; -webkit-box-shadow:4px 4px  
4px 4px #0F4C0B; box-shadow:4px 4px 4px  
4px #0F4C0B }
```

# Background

The CSS property to change the background color of an element to Hex 0F4C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4C0B }
```

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

```
.background{ background-color:#0F4C0B }
```

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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