

# Converting Colors

Hex(0F3E0A)

Have a look what the booklet for  
Hex(0F3E0A) contains.

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# Color

**Hex(0F3E0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F3E0A
RGB	15, 62, 10
RGB Percent	6%, 24%, 4%
CMY	0.9412, 0.7569, 0.9608
CMYK	0.76, 0.00, 0.84, 0.76
HSL	114°, 72%, 14%
HSV	114°, 84%, 24%
XYZ	1.9744, 3.5687, 0.8719
YIQ	42.0190, -11.3200, -26.1360

# Conversions

## Conversions Part 2

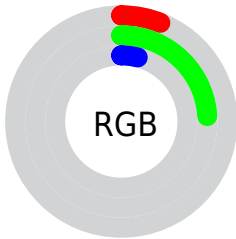
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 62, 57
Decimal	998922
CIE Lab	22.19, -27.17, 25.79
CIE LCh	22, 37.460, 136.493
Yxy	3.5687, 0.3078, 0.5563
Android (android.graphics.Color)	4279189002 (0xFF0F3E0A)
YUV	42.0190, -15.7854, -23.6957
Hunter-Lab	18.8911, -14.4033, 10.4872

# Details

The Hex color **0F3E0A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **390A3E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **416E37**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **093E04**, and if you desaturate by 10%, it is **153E10**.

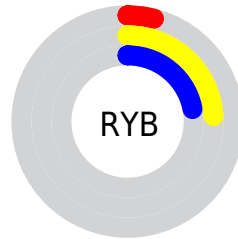
# Distribution



Red (6%)

Green (24%)

Blue (4%)



Red (4%)

Yellow (24%)

Blue (22%)

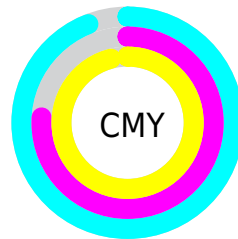


Cyan (76%)

Magenta (0%)

Yellow (84%)

Black (76%)



Cyan (94%)

Magenta (76%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F3E0A 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 0F3E0A by changing the saturation by 10% instead.



 0F3E0A

 0F3E0A

 FEFFEE

 002800

 416E37

 000E00

 5A884F

 000000

 74A267

 8EBD81

 A9D99B

 C5F6B6

 E1FFD2

 0F3E0A

 0F3E0A

■ 093E04

■ 153E10

■ 063E00

■ 1A3E16

■ 203E1D

■ 253E23

■ 2B3E29

■ 313E2F

■ 363E35

■ 3C3E3C

■ 413E42

# Harmonies

## Analogous

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



343800



0F3E0A



004127

# Triad

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



0F3E0A



003C6B



661727

# Complementary

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



0F3E0A



390A3E

# 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.



601843



0F3E0A



12336B

# Square

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



0F3E0A



00405D



49265C



5E230C

# Rectangle

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



0F3E0A



00413B



49265C



661530



# Sweetspot

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



0F3E0A



3F523D



3E390A



1E291D



A8A8A8



292929



# Same Dimension

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



0F3E0A



085200



0A3E1F



1C1F1C



095E00



15DE00



# Inverse Universe

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



390A3E



4A0052



3E0A29



1E1C1F



55005E

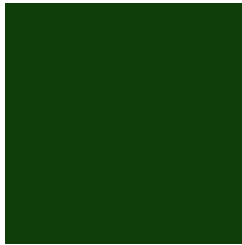


C900DE



# Previews

## White Background



This preview shows how the Hex color 0F3E0A looks on a white background.

## Color Contrast Check

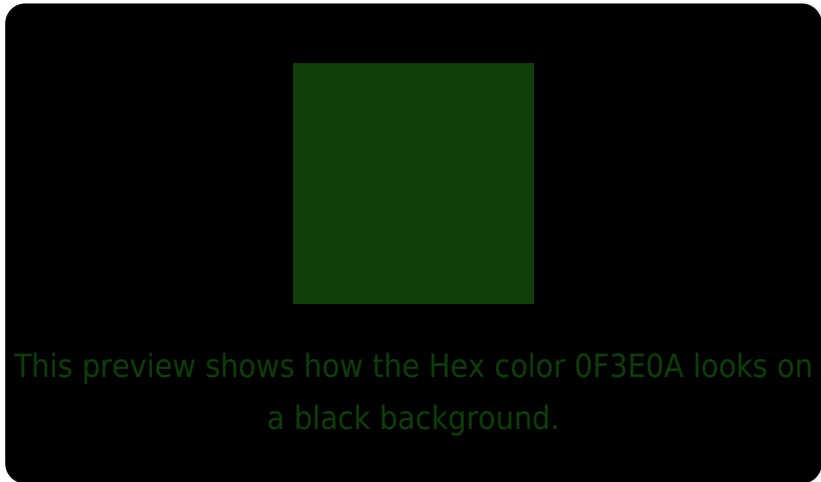
Large Text (above 18pt) WCAG AA ✓ Pass

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

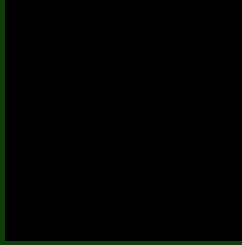
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F3E0A Background



This preview shows how black text looks on a background with the Hex color 0F3E0A.



This preview shows how white text looks on a background with the Hex color 0F3E0A.

# 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**  
0F3E0A

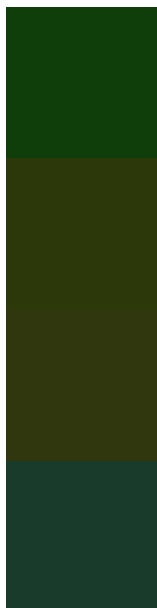
**Protanopia**  
3C3508

**Deuteranopia**  
433310



**Tritanopia**  
1D3A3E

# Trichromacy



**Original Color**

0F3E0A

**Protanomaly**

2C3809

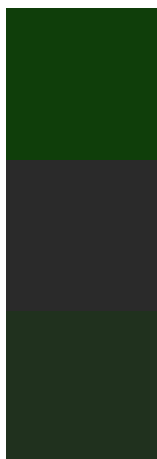
**Deuteranomaly**

30370E

**Tritanomaly**

183B2B

# Monochromacy



**Original Color**

0F3E0A

**Achromatopsia**

2A2A2A

**Achromatomaly**

20311E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F3E0A 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 #0F3E0A looks like.

```
.text, #text, p{  
    color:#0F3E0A  
}
```

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 #0F3E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3E0A
}
```

## Border

The CSS property to change the border of an element to Hex 0F3E0A 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
#0F3E0A }
```

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

```
.border{ border-color:#0F3E0A }
```

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

Here you see how a box with a 4 pixel #0F3E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3E0A; -webkit-box-shadow:4px 4px  
4px 4px #0F3E0A; box-shadow:4px 4px 4px  
4px #0F3E0A }
```

# Background

The CSS property to change the background color of an element to Hex 0F3E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3E0A }
```

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

```
.background{ background-color:#0F3E0A }
```

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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