

Converting Colors

Hex(0F7E06)

Have a look what the booklet for
Hex(0F7E06) contains.

Hex(0F7E06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F7E06)

Conversions

Conversions Part 1

Format	Color
Hex	0F7E06
RGB	15, 126, 6
RGB Percent	6%, 49%, 2%
CMY	0.9412, 0.5059, 0.9765
CMYK	0.88, 0.00, 0.95, 0.51
HSL	116°, 91%, 26%
HSV	116°, 95%, 49%
XYZ	7.6907, 15.0364, 2.6693
YIQ	79.1310, -27.6360, -60.8520

Conversions

Conversions Part 2

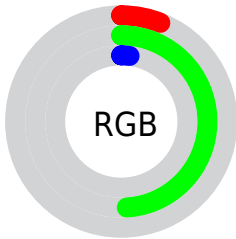
Format	Color
RYB	6, 126, 117
Decimal	1015302
CIELab	45.68, -49.62, 48.25
CIELCh	46, 69.211, 135.799
Yxy	15.0364, 0.3028, 0.5921
Android (android.graphics.Color)	4279205382 (0xFF0F7E06)
YUV	79.1310, -36.0536, -56.2429
Hunter-Lab	38.7768, -32.4570, 23.0624

Details

The Hex color **0F7E06** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **75067E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **55B442**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **097E00**, and if you desaturate by 10%, it is **1B7E13**.

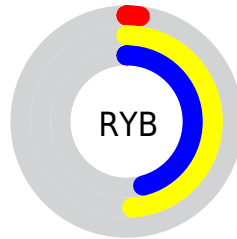
Distribution



Red (6%)

Green (49%)

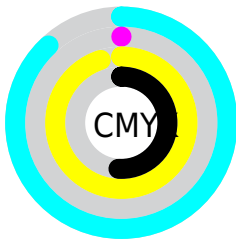
Blue (2%)



Red (2%)

Yellow (49%)

Blue (46%)

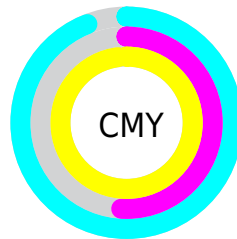


Cyan (88%)

Magenta (0%)

Yellow (95%)

Black (51%)



Cyan (94%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7E06 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 0F7E06 by changing the saturation by 10% instead.

 0F7E06

 0F7E06

FFFFFF

 006400

 55B442

 004B00

 72D05C

 003400

 8EEC76

 001C00

 ABFF91

 000000

 C8FFAD

 E6FFC9

 FFFF E5

 0F7E06

 0F7E06

■ 097E00

■ 1B7E13

■ 267E1F

■ 327E2C

■ 3E7E38

■ 497E45

■ 557E52

■ 617E5E

■ 6C7E6B

■ 787E77

Harmonies

Analogous

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



677300



0F7E06



00834E

Triad

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



0F7E06



007BDD



D02151

Complementary

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



0F7E06



75067E

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.



C4278A



0F7E06



0069DD

Square

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



0F7E06



0083BF



934CBE



BF4217

Rectangle

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



0F7E06



008576



934CBE



CF1B64

Sweetspot

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



0F7E06



77A374



7E7406



375235



D1D1D1



525252

Same Dimension

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



0F7E06



0CA300



067E38



3A4039



0A8000



000000

Inverse Universe

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



75067E



9700A3



7E064C



3F3940



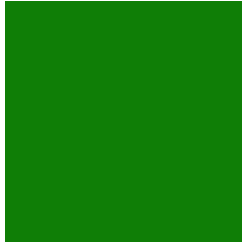
760080



000000

Previews

White Background



This preview shows how the Hex color 0F7E06 looks on a white background.

Color Contrast Check

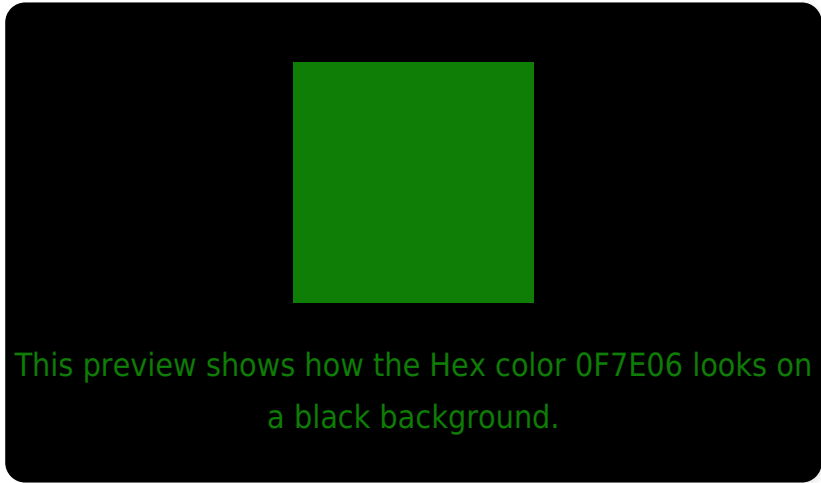
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0F7E06 Background



This preview shows how black text looks on a background with the Hex color 0F7E06.



This preview shows how white text looks on a background with the Hex color 0F7E06.

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
0F7E06

Protanopia
7A6C00

Deuteranopia
87661C



Tritanopia
36757F

Trichromacy



Original Color
0F7E06



Protanomaly
537302



Deuteranomaly
5B6F14

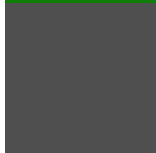


Tritanomaly
287853

Monochromacy



Original Color
0F7E06



Achromatopsia
4F4F4F



Achromatomaly
386034

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7E06 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 #0F7E06 looks like.

```
.text, #text, p{  
    color:#0F7E06  
}
```

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 #0F7E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7E06
}
```

Border

The CSS property to change the border of an element to Hex 0F7E06 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".

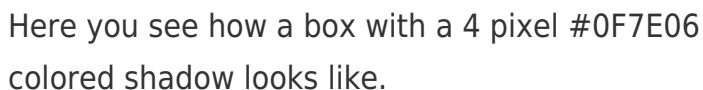
```
.border, #border, table{ border:4px solid
#0F7E06 }
```

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

```
.border{ border-color:#0F7E06 }
```

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

Here you see how a box with a 4 pixel #0F7E06 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the green color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7E06; -webkit-box-shadow:4px 4px  
4px 4px #0F7E06; box-shadow:4px 4px 4px  
4px #0F7E06 }
```

Background

The CSS property to change the background color of an element to Hex 0F7E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7E06 }
```

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

```
.background{ background-color:#0F7E06 }
```

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