

Converting Colors

Hex(0F4F05)

Have a look what the booklet for
Hex(0F4F05) contains.

Hex(0F4F05)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(0F4F05)

Conversions

Conversions Part 1

Format	Color
Hex	0F4F05
RGB	15, 79, 5
RGB Percent	6%, 31%, 2%
CMY	0.9412, 0.6902, 0.9804
CMYK	0.81, 0.00, 0.94, 0.69
HSL	112°, 88%, 16%
HSV	112°, 94%, 31%
XYZ	3.0204, 5.7045, 1.0855
YIQ	51.4280, -14.3900, -36.5820

Conversions

Conversions Part 2

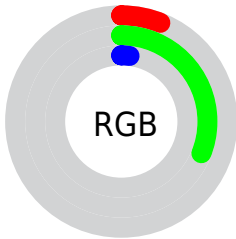
Format	Color
RYB	5, 79, 69
Decimal	1003269
CIELab	28.65, -34.10, 33.95
CIELCh	29, 48.119, 135.133
Yxy	5.7045, 0.3079, 0.5815
Android (android.graphics.Color)	4279193349 (0xFF0F4F05)
YUV	51.4280, -22.8890, -31.9474
Hunter-Lab	23.8841, -19.2240, 14.0243

Details

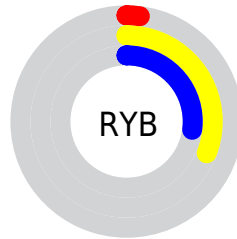
The Hex color **0F4F05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45054F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **478137**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **0B4F00**, and if you desaturate by 10%, it is **164F0D**.

Distribution



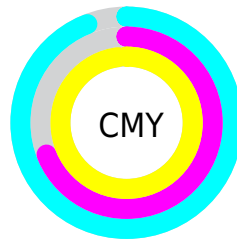
- Red (6%)
- Green (31%)
- Blue (2%)



- Red (2%)
- Yellow (31%)
- Blue (27%)



- Cyan (81%)
- Magenta (0%)
- Yellow (94%)
- Black (69%)



- Cyan (94%)
- Magenta (69%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4F05 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 0F4F05 by changing the saturation by 10% instead.

 0F4F05


 0F4F05

 FFFFF0

 003700

 478137

 002400

 619B4F

 000000

 7BB668

 96D282

 B2EF9C

 CEFFB7

 EBFFD3

 0F4F05

 0F4F05

■ 0B4F00

■ 164F0D

■ 1D4F15

■ 234F1D

■ 2A4F25

■ 314F2D

■ 384F34

■ 3F4F3C

■ 464F44

■ 4C4F4C

Harmonies

Analogous

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



424800



0F4F05



00532F

Triad

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



0F4F05



004D8C



841633

Complementary

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



0F4F05



45054F

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.



7C1A58



0F4F05



00428C

Square

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



0F4F05



005278



5C3079



7A290F

Rectangle

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



0F4F05



005449



5C3079



83143F

Sweetspot

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



0F4F05



4D6649



4F4405



243322



B3B3B3



333333

Same Dimension

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



0F4F05



0E6600



054F1F



232622



1FE600

Inverse Universe

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



45054F



580066



4F0535



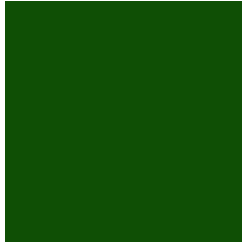
262226



C600E6

Previews

White Background



This preview shows how the Hex color 0F4F05 looks on a white background.

Color Contrast Check

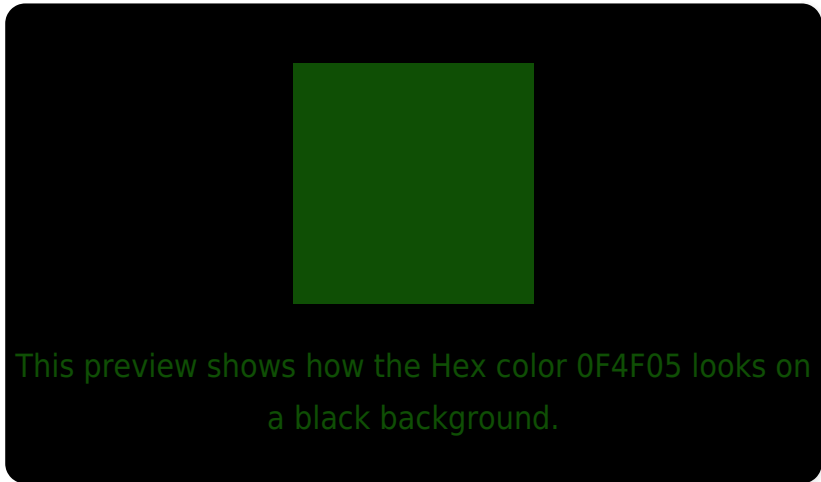
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F4F05 Background



This preview shows how black text looks on a background with the Hex color 0F4F05.



This preview shows how white text looks on a background with the Hex color 0F4F05.

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](#).

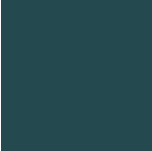
Dichromacy



Original Color
0F4F05

Protanopia
4C4400

Deuteranopia
554012



Tritanopia
24494F

Trichromacy



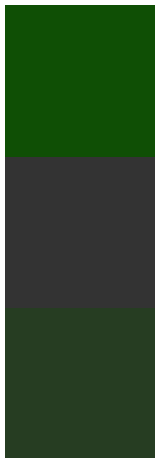
Original Color
0F4F05

Protanomaly
364802

Deuteranomaly
3C450D

Tritanomaly
1C4B34

Monochromacy



Original Color
0F4F05

Achromatopsia
333333

Achromatomaly
263D22

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4F05 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 #0F4F05 looks like.

```
.text, #text, p{  
    color:#0F4F05  
}
```

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 #0F4F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4F05
}
```

Border

The CSS property to change the border of an element to Hex 0F4F05 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".

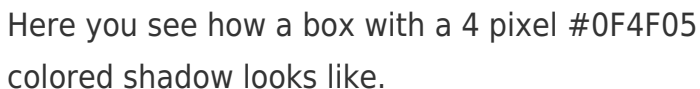
```
.border, #border, table{ border:4px solid
#0F4F05 }
```

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

```
.border{ border-color:#0F4F05 }
```

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

Here you see how a box with a 4 pixel #0F4F05 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 #0F4F05; -webkit-box-shadow:4px 4px  
4px 4px #0F4F05; box-shadow:4px 4px 4px  
4px #0F4F05 }
```

Background

The CSS property to change the background color of an element to Hex 0F4F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4F05 }
```

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

```
.background{ background-color:#0F4F05 }
```

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