

# Converting Colors

Hex(0F4A08)

Have a look what the booklet for  
Hex(0F4A08) contains.

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# Color

**Hex(0F4A08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F4A08
RGB	15, 74, 8
RGB Percent	6%, 29%, 3%
CMY	0.9412, 0.7098, 0.9686
CMYK	0.80, 0.00, 0.89, 0.71
HSL	114°, 80%, 16%
HSV	114°, 89%, 29%
XYZ	2.6896, 5.0166, 1.0563
YIQ	48.8350, -13.9780, -33.0340

# Conversions

## Conversions Part 2

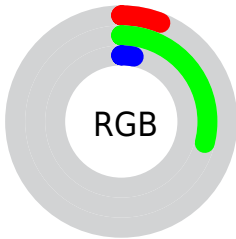
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 74, 67
Decimal	1001992
CIELab	26.78, -32.04, 31.11
CIELCh	27, 44.657, 135.846
Yxy	5.0166, 0.3069, 0.5725
Android (android.graphics.Color)	4279192072 (0xFF0F4A08)
YUV	48.8350, -20.1317, -29.6733
Hunter-Lab	22.3979, -17.7614, 12.8824

# Details

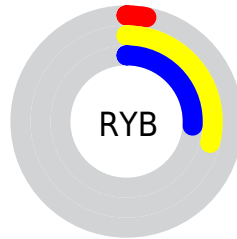
The Hex color **0F4A08** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **43084A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **457C38**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **084A01**, and if you desaturate by 10%, it is **164A0F**.

# Distribution



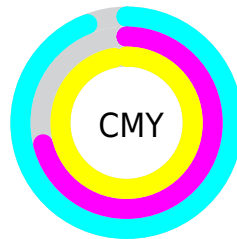
- Red (6%)
- Green (29%)
- Blue (3%)



- Red (3%)
- Yellow (29%)
- Blue (26%)



- Cyan (80%)
- Magenta (0%)
- Yellow (89%)
- Black (71%)



- Cyan (94%)
- Magenta (71%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F4A08 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 0F4A08 by changing the saturation by 10% instead.



 0F4A08

 0F4A08

 FFFFF0

 003300

 457C38

 002000

 5F9650

 000000

 79B169

 94CC82

 AFE99D

 CBFFB8

 E8FFD4

 0F4A08

 0F4A08

■ 084A01

■ 164A0F

■ 084A00

■ 1C4A17

■ 234A1E

■ 294A26

■ 304A2D

■ 374A34

■ 3D4A3C

■ 444A43

■ 4B4A4B

# Harmonies

## Analogous

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



3E4300



0F4A08



004D2D

# Triad

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



0F4A08



004882



7B172F

# Complementary

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



0F4A08



43084A

# 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.



731A51



0F4A08



073D82

# Square

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



0F4A08



004D70



572D6F



71280E

# Rectangle

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



0F4A08



004E45



572D6F



7A153A



# Sweetspot

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



0F4A08



4A6147



4A4208



233021



B0B0B0



303030



# Same Dimension

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



0F4A08



0A6100



084A21



232622



0B6600



18E600



# Inverse Universe

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



43084A



570061



4A0831



262226



5B0066



CD00E6



# Previews

## White Background



This preview shows how the Hex color 0F4A08 looks on a white background.

## Color Contrast Check

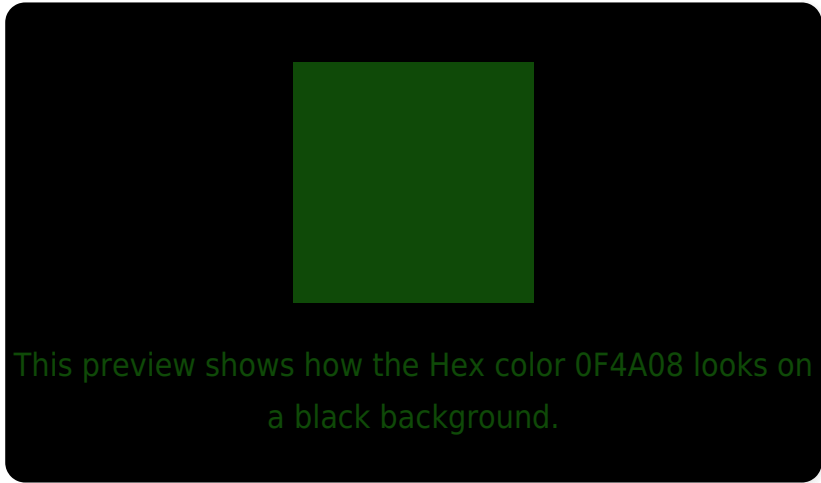
Large Text (above 18pt) WCAG AA ✓ Pass

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

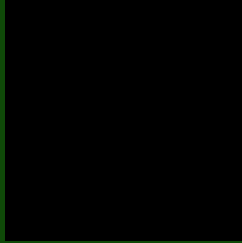
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F4A08 Background



This preview shows how black text looks on a background with the Hex color 0F4A08.



This preview shows how white text looks on a background with the Hex color 0F4A08.

# 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](#).

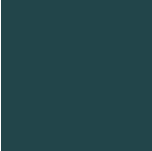
## Dichromacy



**Original Color**  
0F4A08

**Protanopia**  
484003

**Deuteranopia**  
503C12



**Tritanopia**  
22454A

# Trichromacy



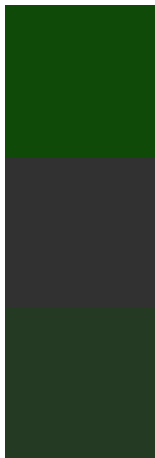
**Original Color**  
0F4A08

**Protanomaly**  
334405

**Deuteranomaly**  
38410E

**Tritanomaly**  
1B4732

# Monochromacy



**Original Color**  
0F4A08

**Achromatopsia**  
313131

**Achromatomaly**  
253A22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F4A08 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 #0F4A08 looks like.

```
.text, #text, p{  
    color:#0F4A08  
}
```

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 #0F4A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4A08
}
```

## Border

The CSS property to change the border of an element to Hex 0F4A08 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".

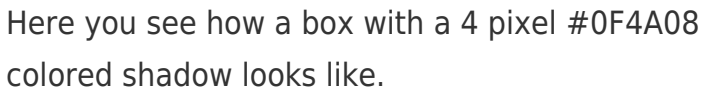
```
.border, #border, table{ border:4px solid
#0F4A08 }
```

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

```
.border{ border-color:#0F4A08 }
```

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

Here you see how a box with a 4 pixel #0F4A08 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4A08; -webkit-box-shadow:4px 4px  
4px 4px #0F4A08; box-shadow:4px 4px 4px  
4px #0F4A08 }
```

# Background

The CSS property to change the background color of an element to Hex 0F4A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4A08 }
```

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

```
.background{ background-color:#0F4A08 }
```

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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