

# Converting Colors

Hex(0F2C09)

Have a look what the booklet for  
Hex(0F2C09) contains.

|  |    |
|--|----|
| <b>Hex(0F2C09)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(0F2C09)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 0F2C09                     |
| RGB         | 15, 44, 9                  |
| RGB Percent | 6%, 17%, 4%                |
| CMY         | 0.9412, 0.8275, 0.9647     |
| CMYK        | 0.66, 0.00, 0.80, 0.83     |
| HSL         | 110°, 66%, 10%             |
| HSV         | 110°, 80%, 17%             |
| XYZ         | 1.1470, 1.9226, 0.5691     |
| YIQ         | 31.3390, -6.0490, -17.0330 |

# Conversions

## Conversions Part 2

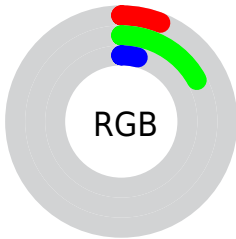
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>Y</sub>B</b>               | 9, 44, 38                      |
| Decimal                             | 994313                         |
| CIE <sub>Lab</sub>                  | 15.08, -19.26, 17.85           |
| CIE <sub>LCh</sub>                  | 15, 26.263, 137.174            |
| Yxy                                 | 1.9226, 0.3152,<br>0.5284      |
| Android<br>(android.graphics.Color) | 4279184393<br>(0xFF0F2C09)     |
| <b>YUV</b>                          | 31.3390, -11.0131,<br>-14.3293 |
| Hunter-Lab                          | 13.8659, -9.4999,<br>7.2727    |

# Details

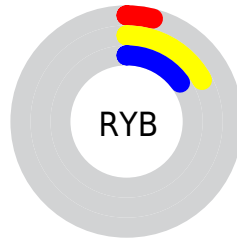
The Hex color **0F2C09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26092C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3C5A35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B2C05**, and if you desaturate by 10%, it is **132C0D**.

# Distribution



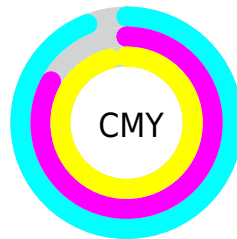
- Red (6%)
- Green (17%)
- Blue (4%)



- Red (4%)
- Yellow (17%)
- Blue (15%)



- Cyan (66%)
- Magenta (0%)
- Yellow (80%)
- Black (83%)



- Cyan (94%)
- Magenta (83%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F2C09 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 0F2C09 by changing the saturation by 10% instead.



 0F2C09

 0F2C09

 F4FFEA

 001900

 3C5A35

 000000

 54734C

 6D8C64

 86A77D

 A1C297

 BCDEB2

 D8FBCE

 0F2C09

 0F2C09

■ 0B2C05

■ 132C0D

■ 082C00

■ 162C12

■ 1A2C16

■ 1E2C1B

■ 212C1F

■ 252C23

■ 292C28

■ 2C2C2C

■ 302C31

# Harmonies

## Analogous

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



262800



0F2C09



002E1D

# Triad

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



0F2C09



002A4A



47141C

# Complementary

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



0F2C09



26092C

# 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.



43152F



0F2C09



152449

# Square

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



0F2C09



002D41



341C3F



421A08

# Rectangle

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



0F2C09



002E2A



341C3F



471322



# Sweetspot

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



0F2C09



2D382B



2C2609



151C14



9C9C9C



1C1C1C



# Same Dimension

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



0F2C09



0C3803



092C14



151715



0F5700



25D600



# Inverse Universe

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



26092C



2F0338



2C0921



171517



480057

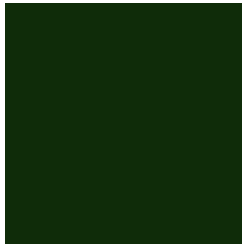


B100D6



# Previews

## White Background



This preview shows how the Hex color 0F2C09 looks on a white background.

## Color Contrast Check

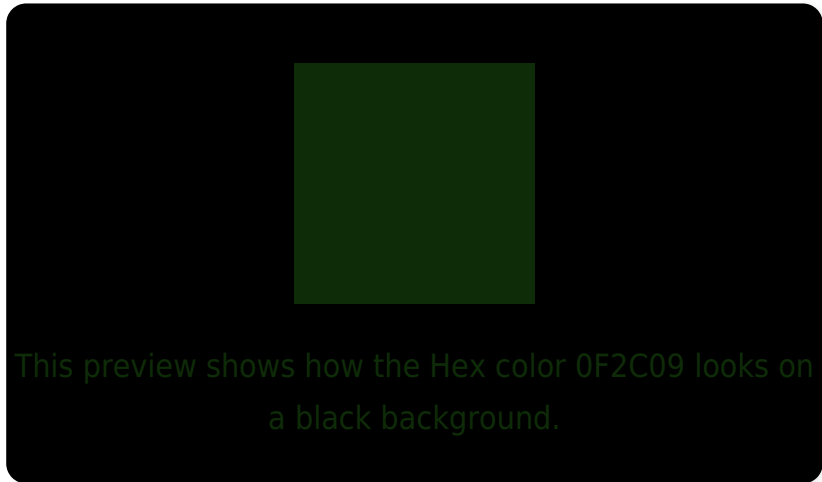
Large Text (above 18pt) WCAG AA ✓ Pass

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

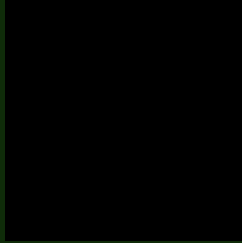
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F2C09 Background



This preview shows how black text looks on a background with the Hex color 0F2C09.



This preview shows how white text looks on a background with the Hex color 0F2C09.

# 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**  
0F2C09

**Protanopia**  
2B2608

**Deuteranopia**  
30240D



**Tritanopia**  
17292C

# Trichromacy



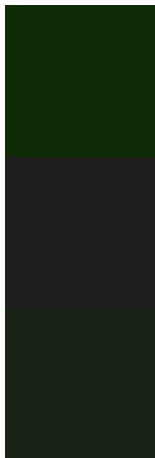
**Original Color**  
0F2C09

**Protanomaly**  
212808

**Deuteranomaly**  
24270C

**Tritanomaly**  
142A1F

# Monochromacy



**Original Color**  
0F2C09

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
192417

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F2C09 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 #0F2C09 looks like.

```
.text, #text, p{  
    color:#0F2C09  
}
```

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 #0F2C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2C09
}
```

## Border

The CSS property to change the border of an element to Hex 0F2C09 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".

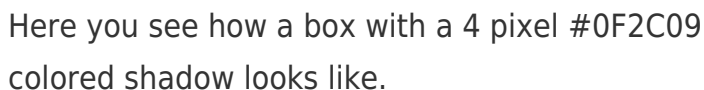
```
.border, #border, table{ border:4px solid
#0F2C09 }
```

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

```
.border{ border-color:#0F2C09 }
```

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

Here you see how a box with a 4 pixel #0F2C09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2C09; -webkit-box-shadow:4px 4px  
4px 4px #0F2C09; box-shadow:4px 4px 4px  
4px #0F2C09 }
```

# Background

The CSS property to change the background color of an element to Hex 0F2C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2C09 }
```

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

```
.background{ background-color:#0F2C09 }
```

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