

Converting Colors

Hex(0C300C)

Have a look what the booklet for
Hex(0C300C) contains.

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Color

Hex(0C300C)

Conversions

Conversions Part 1

Format	Color
Hex	0C300C
RGB	12, 48, 12
RGB Percent	5%, 19%, 5%
CMY	0.9529, 0.8118, 0.9529
CMYK	0.75, 0.00, 0.75, 0.81
HSL	120°, 60%, 12%
HSV	120°, 75%, 19%
XYZ	1.2749, 2.2186, 0.7089
YIQ	33.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

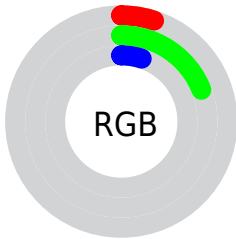
Format	Color
R_{YB}	12, 48, 48
Decimal	798732
CIE _{Lab}	16.60, -21.70, 18.47
CIE _{LCh}	17, 28.494, 139.586
Yxy	2.2186, 0.3034, 0.5279
Android (android.graphics.Color)	4278988812 (0xFF0C300C)
YUV	33.1320, -10.4181, -18.5328
Hunter-Lab	14.8950, -10.7876, 7.6048

Details

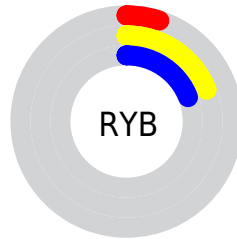
The Hex color **0C300C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300C30**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3B5F37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **073007**, and if you desaturate by 10%, it is **113011**.

Distribution



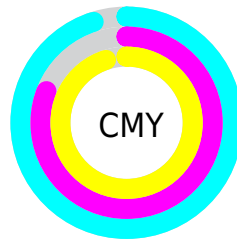
- Red (5%)
- Green (19%)
- Blue (5%)



- Red (5%)
- Yellow (19%)
- Blue (19%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)
- Black (81%)



- Cyan (95%)
- Magenta (81%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C300C 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 0C300C by changing the saturation by 10% instead.

 0C300C

 0C300C

 F4FFED

 001D00

 3B5F37

 000000

 53784F

 6C9167

 86AC80

 A0C79A

 BBE4B5

 D7FFD1

 0C300C

 0C300C

■ 073007

■ 113011

■ 023002

■ 163016

■ 003000

■ 1A301A

■ 1F301F

■ 243024

■ 293029

■ 2E302E

■ 323032

■ 373037

Harmonies

Analogous

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



272C00



0C300C



003221

Triad

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



0C300C



002D51



4D151D

Complementary

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



0C300C



300C30

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.



4A1531



0C300C



1A2750

Square

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



0C300C



003148



3A1D44



471D08

Rectangle

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



0C300C



00322F



3A1D44



4D1423

Sweetspot

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



0C300C



2F3D2F



30300C



161F16



9E9E9E



1F1F1F

Same Dimension

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



0C300C



063D06



0C301E



151715



005700



00D600

Inverse Universe

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



300C30



3D063D



300C1E



171517



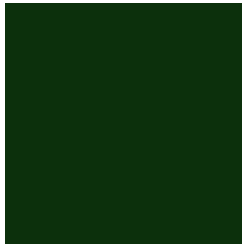
570057



D600D6

Previews

White Background



This preview shows how the Hex color 0C300C looks on a white background.

Color Contrast Check

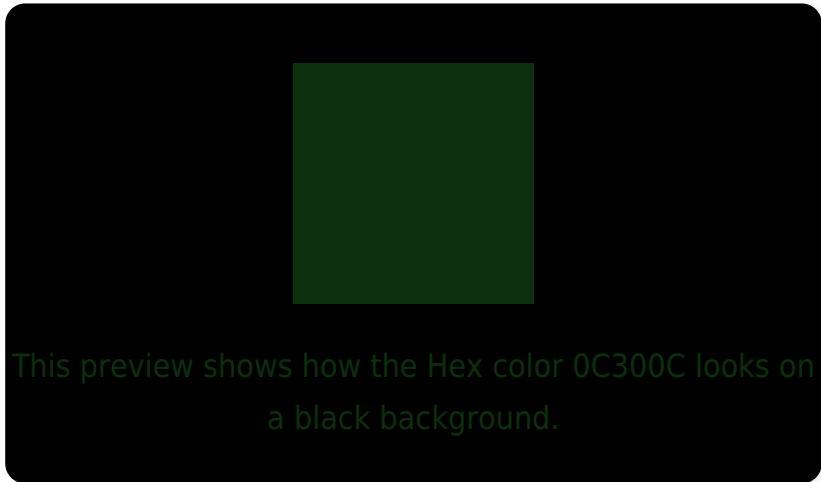
Large Text (above 18pt) WCAG AA ✓ Pass

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

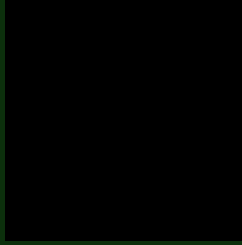
Any Text WCAG AA × Fail

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 0C300C Background



This preview shows how black text looks on a background with the Hex color 0C300C.



This preview shows how white text looks on a background with the Hex color 0C300C.

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
0C300C

Protanopia
2E290A

Deuteranopia
342710



Tritanopia
172D30

Trichromacy



Original Color
0C300C

Protanomaly
222C0B

Deuteranomaly
252A0F

Tritanomaly
132E23

Monochromacy



Original Color
0C300C

Achromatopsia
212121

Achromatomaly
192619

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C300C 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 #0C300C looks like.

```
.text, #text, p{  
    color:#0C300C  
}
```

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 #0C300C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C300C
}
```

Border

The CSS property to change the border of an element to Hex 0C300C 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".

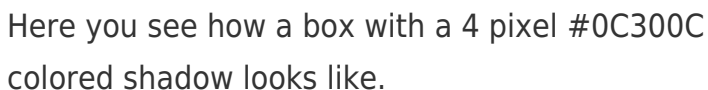
```
.border, #border, table{ border:4px solid
#0C300C }
```

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

```
.border{ border-color:#0C300C }
```

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

Here you see how a box with a 4 pixel #0C300C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C300C; -webkit-box-shadow:4px 4px  
4px 4px #0C300C; box-shadow:4px 4px 4px  
4px #0C300C }
```

Background

The CSS property to change the background color of an element to Hex 0C300C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C300C }
```

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

```
.background{ background-color:#0C300C }
```

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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