

# Converting Colors

Hex(0C300A)

Have a look what the booklet for  
Hex(0C300A) contains.

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# Color

**Hex(0C300A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C300A
RGB	12, 48, 10
RGB Percent	5%, 19%, 4%
CMY	0.9529, 0.8118, 0.9608
CMYK	0.75, 0.00, 0.79, 0.81
HSL	117°, 66%, 11%
HSV	117°, 79%, 19%
XYZ	1.2634, 2.2140, 0.6479
YIQ	32.9040, -9.2580, -19.4500

# Conversions

## Conversions Part 2

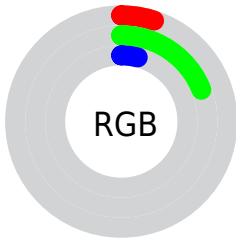
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 48, 46
Decimal	798730
CIELab	16.57, -21.96, 19.31
CIELCh	17, 29.238, 138.678
Yxy	2.2140, 0.3062, 0.5367
Android (android.graphics.Color)	4278988810 (0xFF0C300A)
YUV	32.9040, -11.2917, -18.3328
Hunter-Lab	14.8795, -10.8833, 7.8339

# Details

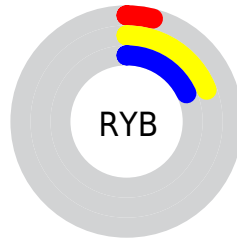
The Hex color **0C300A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E0A30**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3B5F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **073005**, and if you desaturate by 10%, it is **11300F**.

# Distribution



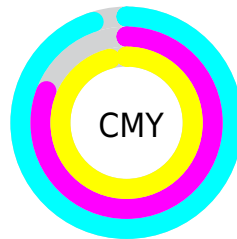
- Red (5%)
- Green (19%)
- Blue (4%)



- Red (4%)
- Yellow (19%)
- Blue (18%)



- Cyan (75%)
- Magenta (0%)
- Yellow (79%)
- Black (81%)



- Cyan (95%)
- Magenta (81%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C300A 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 0C300A by changing the saturation by 10% instead.



 0C300A

 0C300A

 F4FFE8

 001D00

 3B5F36

 000000

 53784D

 6C9165

 86AC7E

 A0C799

 BBE4B3

 D7FFCF

 0C300A

 0C300A

■ 073005

■ 11300F

■ 033000

■ 153014

■ 1A3018

■ 1E301D

■ 233022

■ 273027

■ 2C302C

■ 303030

■ 353035

# Harmonies

## Analogous

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



282C00



0C300A



003220

# Triad

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



0C300A



002E52



4E141D

# Complementary

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



0C300A



2E0A30

# 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.



4A1532



0C300A



172751

# Square

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



0C300A



003148



3A1D45



481C07

# Rectangle

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



0C300A



00332F



3A1D45



4E1324



# Sweetspot

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



0C300A



2F3D2F



302D0A



161F16



9E9E9E



1F1F1F



# Same Dimension

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



0C300A



063D03



0A301A



151715



055700



0BD600



# Inverse Universe

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



2E0A30



3A033D



300A20



171517



520057

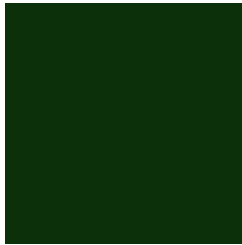


CB00D6



# Previews

## White Background



This preview shows how the Hex color 0C300A looks on a white background.

## Color Contrast Check

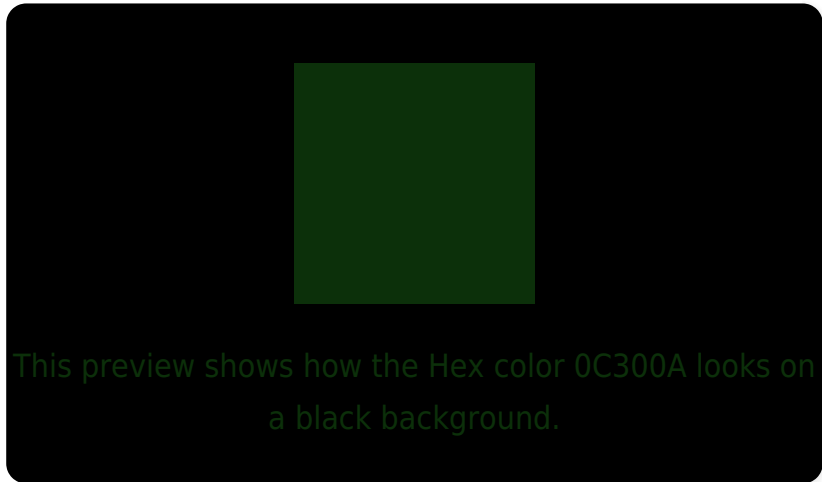
Large Text (above 18pt) WCAG AA ✓ Pass

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

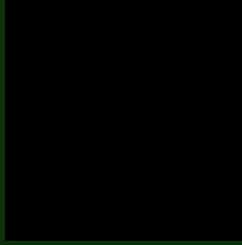
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C300A Background



This preview shows how black text looks on a background with the Hex color 0C300A.



This preview shows how white text looks on a background with the Hex color 0C300A.

# 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**  
0C300A

**Protanopia**  
2E2908

**Deuteranopia**  
34270E



**Tritanopia**  
172D30

# Trichromacy



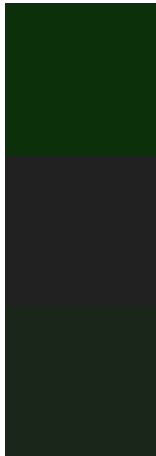
**Original Color**  
0C300A

**Protanomaly**  
222C09

**Deuteranomaly**  
252A0D

**Tritanomaly**  
132E22

# Monochromacy



**Original Color**  
0C300A

**Achromatopsia**  
212121

**Achromatomaly**  
192619

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C300A 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 #0C300A looks like.

```
.text, #text, p{  
    color:#0C300A  
}
```

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 #0C300A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C300A
}
```

## Border

The CSS property to change the border of an element to Hex 0C300A 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".

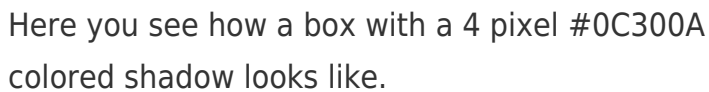
```
.border, #border, table{ border:4px solid
#0C300A }
```

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

```
.border{ border-color:#0C300A }
```

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

Here you see how a box with a 4 pixel #0C300A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C300A; -webkit-box-shadow:4px 4px  
4px 4px #0C300A; box-shadow:4px 4px 4px  
4px #0C300A }
```

# Background

The CSS property to change the background color of an element to Hex 0C300A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C300A }
```

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

```
.background{ background-color:#0C300A }
```

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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