

# Converting Colors

Hex(0C2C00)

Have a look what the booklet for  
Hex(0C2C00) contains.

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# Color

Hex(0C2C00)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C2C00
RGB	12, 44, 0
RGB Percent	5%, 17%, 0%
CMY	0.9529, 0.8275, 1.0000
CMYK	0.73, 0.00, 1.00, 0.83
HSL	104°, 100%, 9%
HSV	104°, 100%, 17%
XYZ	1.0523, 1.8795, 0.3073
YIQ	29.4160, -4.9480, -20.4680

# Conversions

## Conversions Part 2

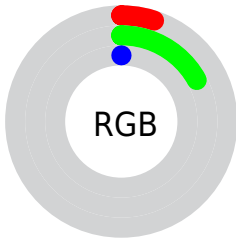
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 44, 32
Decimal	797696
CIELab	14.84, -21.50, 21.19
CIELCh	15, 30.190, 135.411
Yxy	1.8795, 0.3249, 0.5803
Android (android.graphics.Color)	4278987776 (0xFF0C2C00)
YUV	29.4160, -14.5021, -15.2738
Hunter-Lab	13.7096, -10.2907, 8.2676

# Details

The Hex color **0C2C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20002C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **395A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2C00**, and if you desaturate by 10%, it is **0F2C04**.

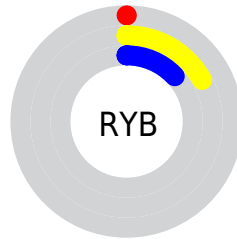
# Distribution



Red (5%)

Green (17%)

Blue (0%)



Red (0%)

Yellow (17%)

Blue (13%)

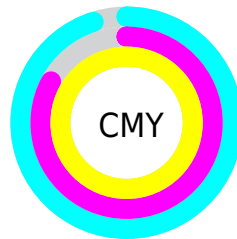


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (95%)

Magenta (83%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C2C00 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 0C2C00 by changing the saturation by 10% instead.



 0C2C00


 0C2C00

 F2FFE3

 001A00

 395A2F

 000000

 517346

 6A8D5E

 84A777

 9EC290

 B9DEAB

 D5FBC7

 0C2C00

■ 0F2C04

■ 122C09

■ 162C0D

■ 192C12

■ 1C2C16

■ 1F2C1A

■ 222C1F

■ 262C23

■ 292C28

# Harmonies

## Analogous

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



262800



0C2C00



002E1A

# Triad

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



0C2C00



002B4F



4B0E1B

# Complementary

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



0C2C00



20002C

# 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.



461031



0C2C00



08244F

# Square

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



0C2C00



002E43



341A43



451702

# Rectangle

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



0C2C00



002F29



341A43



4A0D22



# Sweetspot

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



0C2C00



2C3827



2C2000



151C12



9C9C9C



1C1C1C



# Same Dimension

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



0C2C00



0F3800



002C0A



151715



185700



3AD600



# Inverse Universe

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



20002C



290038



2C0022



161517



3F0057

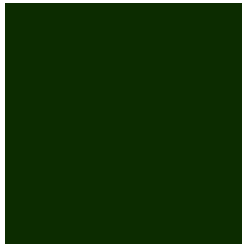


9C00D6



# Previews

## White Background



This preview shows how the Hex color 0C2C00 looks on a white background.

## Color Contrast Check

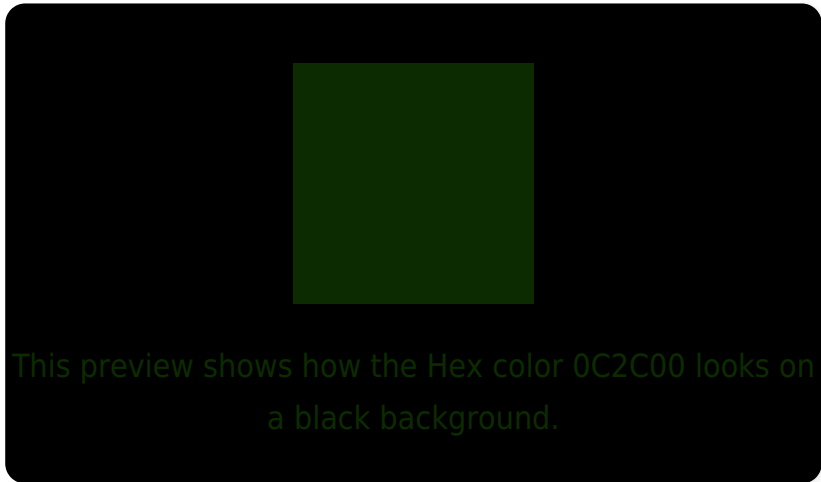
Large Text (above 18pt) WCAG AA ✓ Pass

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

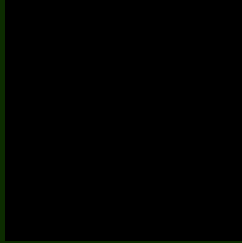
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C2C00 Background



This preview shows how black text looks on a background with the Hex color 0C2C00.



This preview shows how white text looks on a background with the Hex color 0C2C00.

# 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**  
0C2C00

**Protanopia**  
2B2600

**Deuteranopia**  
302409



**Tritanopia**  
15292C

# Trichromacy



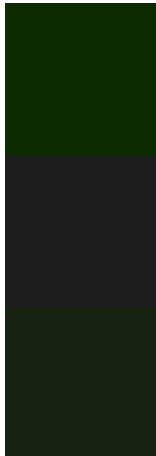
**Original Color**  
0C2C00

**Protanomaly**  
202800

**Deuteranomaly**  
232706

**Tritanomaly**  
122A1C

# Monochromacy



**Original Color**  
0C2C00

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
172212

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C2C00 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 #0C2C00 looks like.

```
.text, #text, p{  
    color:#0C2C00  
}
```

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 #0C2C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2C00
}
```

## Border

The CSS property to change the border of an element to Hex 0C2C00 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
#0C2C00 }
```

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

```
.border{ border-color:#0C2C00 }
```

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

Here you see how a box with a 4 pixel #0C2C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2C00; -webkit-box-shadow:4px 4px  
4px 4px #0C2C00; box-shadow:4px 4px 4px  
4px #0C2C00 }
```

# Background

The CSS property to change the background color of an element to Hex 0C2C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2C00 }
```

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

```
.background{ background-color:#0C2C00 }
```

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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