

Converting Colors

Hex(0C2F00)

Have a look what the booklet for
Hex(0C2F00) contains.

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Color

Hex(0C2F00)

Conversions

Conversions Part 1

Format	Color
Hex	0C2F00
RGB	12, 47, 0
RGB Percent	5%, 18%, 0%
CMY	0.9529, 0.8157, 1.0000
CMYK	0.74, 0.00, 1.00, 0.82
HSL	105°, 100%, 9%
HSV	105°, 100%, 18%
XYZ	1.1681, 2.1112, 0.3459
YIQ	31.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

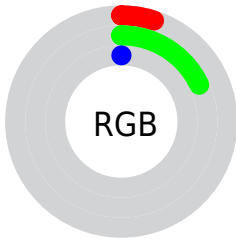
Format	Color
RYB	0, 47, 35
Decimal	798464
CIELab	16.06, -22.80, 22.74
CIELCh	16, 32.206, 135.078
Yxy	2.1112, 0.3222, 0.5824
Android (android.graphics.Color)	4278988544 (0xFF0C2F00)
YUV	31.1770, -15.3703, -16.8182
Hunter-Lab	14.5299, -11.0769, 8.7594

Details

The Hex color **0C2F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23002F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3A5E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2F00**, and if you desaturate by 10%, it is **0F2F05**.

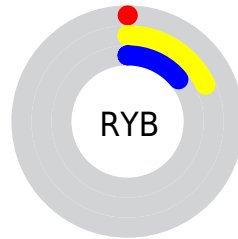
Distribution



Red (5%)

Green (18%)

Blue (0%)



Red (0%)

Yellow (18%)

Blue (14%)

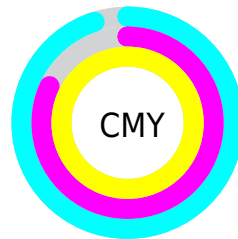


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (95%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2F00 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 0C2F00 by changing the saturation by 10% instead.

 0C2F00

 0C2F00

 F4FFE3

 001C00

 3A5E2F

 000000

 527646

 6B905E

 85AB77

 A0C691

 BBE2AB

 D7FFC7

 0C2F00

■ 0F2F05

■ 132F09

■ 172F0E

■ 1A2F13

■ 1E2F18

■ 212F1C

■ 252F21

■ 282F26

■ 2C2F2A

Harmonies

Analogous

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



282A00



0C2F00



00311B

Triad

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



0C2F00



002E54



500E1D

Complementary

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



0C2F00



23002F

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.



4B1034



0C2F00



052754

Square

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



0C2F00



003148



371C49



4A1804

Rectangle

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



0C2F00



00322B



371C49



500D25

Sweetspot

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



0C2F00



303D2B



2F2200



161F14



9E9E9E



1F1F1F

Same Dimension

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



0C2F00



103D00



002F0B



151715



165700



37D600

Inverse Universe

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



23002F



2E003D



2F0024



161517



410057



A000D6

Previews

White Background



This preview shows how the Hex color 0C2F00 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

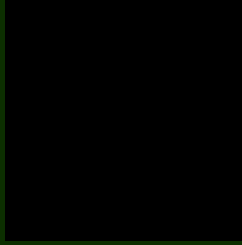
Any Text WCAG AA × Fail

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 0C2F00 Background



This preview shows how black text looks on a background with the Hex color 0C2F00.



This preview shows how white text looks on a background with the Hex color 0C2F00.

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
0C2F00

Protanopia
2E2900

Deuteranopia
33260A



Tritanopia
172C2F

Trichromacy



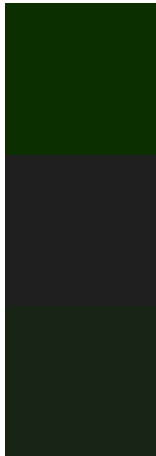
Original Color
0C2F00

Protanomaly
222B00

Deuteranomaly
252906

Tritanomaly
132D1E

Monochromacy



Original Color
0C2F00

Achromatopsia
1F1F1F

Achromatomaly
182514

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2F00 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 #0C2F00 looks like.

```
.text, #text, p{  
    color:#0C2F00  
}
```

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 #0C2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2F00
}
```

Border

The CSS property to change the border of an element to Hex 0C2F00 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".

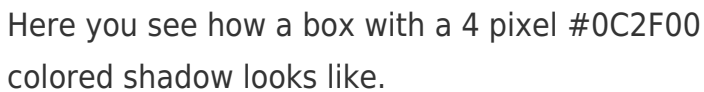
```
.border, #border, table{ border:4px solid
#0C2F00 }
```

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

```
.border{ border-color:#0C2F00 }
```

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

Here you see how a box with a 4 pixel #0C2F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2F00; -webkit-box-shadow:4px 4px  
4px 4px #0C2F00; box-shadow:4px 4px 4px  
4px #0C2F00 }
```

Background

The CSS property to change the background color of an element to Hex 0C2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2F00 }
```

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

```
.background{ background-color:#0C2F00 }
```

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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