

Converting Colors

Hex(0C2D11)

Have a look what the booklet for
Hex(0C2D11) contains.

Hex(0C2D11)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C2D11)

Conversions

Conversions Part 1

Format	Color
Hex	0C2D11
RGB	12, 45, 17
RGB Percent	5%, 18%, 7%
CMY	0.9529, 0.8235, 0.9333
CMYK	0.73, 0.00, 0.62, 0.82
HSL	129°, 58%, 11%
HSV	129°, 73%, 18%
XYZ	1.1912, 1.9954, 0.8527
YIQ	31.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

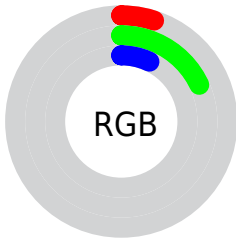
Format	Color
R_{YB}	12, 41, 45
Decimal	797969
CIE Lab	15.46, -19.48, 14.46
CIE LCh	15, 24.260, 143.400
Yxy	1.9954, 0.2949, 0.4940
Android (android.graphics.Color)	4278988049 (0xFF0C2D11)
YUV	31.9410, -7.3659, -17.4883
Hunter-Lab	14.1259, -9.6681, 6.3092

Details

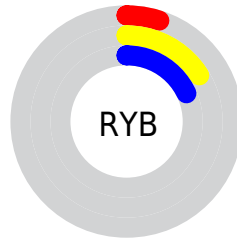
The Hex color **0C2D11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D0C28**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3A5B3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072D0D**, and if you desaturate by 10%, it is **102D15**.

Distribution



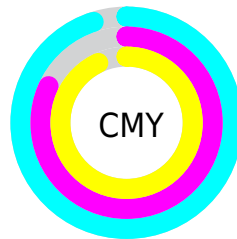
- Red (5%)
- Green (18%)
- Blue (7%)



- Red (5%)
- Yellow (16%)
- Blue (18%)



- Cyan (73%)
- Magenta (0%)
- Yellow (62%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2D11 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 0C2D11 by changing the saturation by 10% instead.

 0C2D11

 0C2D11

 F2FFF2

 001A00

 3A5B3C

 000000

 527453

 6A8E6B

 84A884

 9EC39F

 BADFBA

 D6FCD5

 0C2D11

 0C2D11

■ 072D0D

■ 102D15

■ 032D09

■ 152D19

■ 002D07

■ 1A2D1C

■ 1E2D20

■ 232D24

■ 272D28

■ 2C2D2C

■ 302D30

■ 352D33

Harmonies

Analogous

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



232A00



0C2D11



002F22

Triad

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



0C2D11



002A49



45181A

Complementary

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



0C2D11



2D0C28

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.



44172B



0C2D11



202446

Square

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



0C2D11



002D42



381C3B



3F1E09

Rectangle

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



0C2D11



002F2E



381C3B



461720

Sweetspot

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



0C2D11



2E3B30



282D0C



171F18



9E9E9E



1F1F1F

Same Dimension

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



0C2D11



073B0F



0C2D21



151715



00570D



00D620

Inverse Universe

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



2D0C28



3B0733



2D0C18



171517



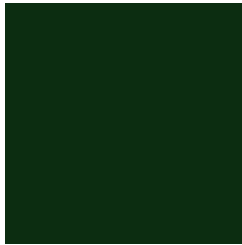
57004A



D600B6

Previews

White Background



This preview shows how the Hex color 0C2D11 looks on a white background.

Color Contrast Check

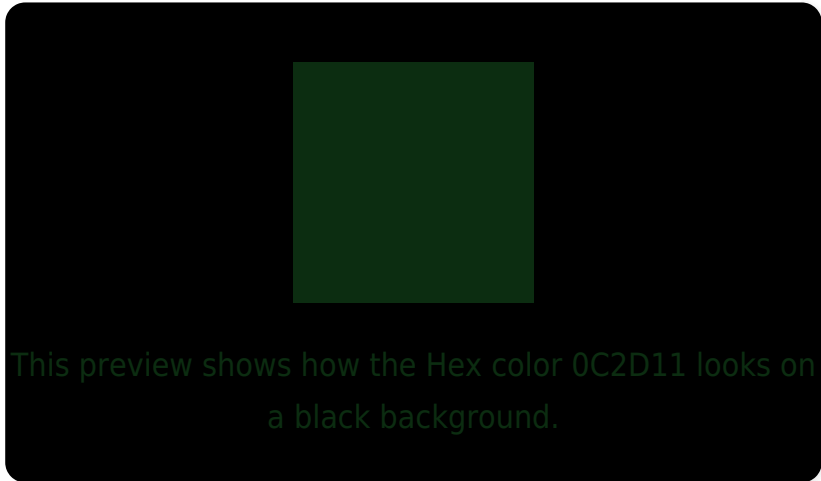
Large Text (above 18pt) WCAG AA ✓ Pass

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

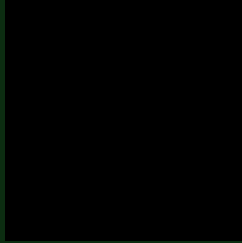
Any Text WCAG AA × Fail

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 0C2D11 Background



This preview shows how black text looks on a background with the Hex color 0C2D11.



This preview shows how white text looks on a background with the Hex color 0C2D11.

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
0C2D11

Protanopia
2B270F

Deuteranopia
302513



Tritanopia
152A2E

Trichromacy



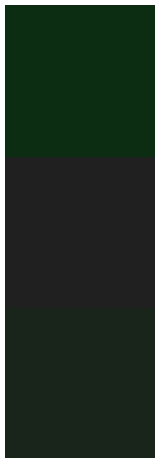
Original Color
0C2D11

Protanomaly
202910

Deuteranomaly
232812

Tritanomaly
122B23

Monochromacy



Original Color
0C2D11

Achromatopsia
202020

Achromatomaly
19251B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2D11 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 #0C2D11 looks like.

```
.text, #text, p{  
    color:#0C2D11  
}
```

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 #0C2D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2D11
}
```

Border

The CSS property to change the border of an element to Hex 0C2D11 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".

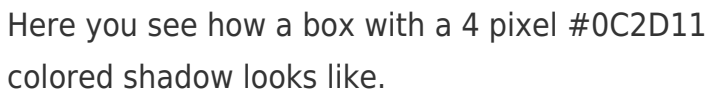
```
.border, #border, table{ border:4px solid
#0C2D11 }
```

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

```
.border{ border-color:#0C2D11 }
```

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

Here you see how a box with a 4 pixel #0C2D11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2D11; -webkit-box-shadow:4px 4px  
4px 4px #0C2D11; box-shadow:4px 4px 4px  
4px #0C2D11 }
```

Background

The CSS property to change the background color of an element to Hex 0C2D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2D11 }
```

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

```
.background{ background-color:#0C2D11 }
```

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