

Converting Colors

Hex(0B2D0F)

Have a look what the booklet for
Hex(0B2D0F) contains.

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Color

Hex(0B2D0F)

Conversions

Conversions Part 1

Format	Color
Hex	0B2D0F
RGB	11, 45, 15
RGB Percent	4%, 18%, 6%
CMY	0.9569, 0.8235, 0.9412
CMYK	0.76, 0.00, 0.67, 0.82
HSL	127°, 61%, 11%
HSV	127°, 76%, 18%
XYZ	1.1626, 1.9824, 0.7733
YIQ	31.4140, -10.6340, -16.5380

Conversions

Conversions Part 2

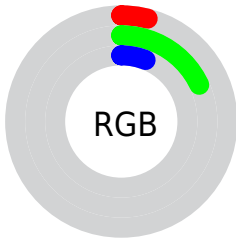
Format	Color
R_{YB}	11, 41, 45
Decimal	732431
CIE _{Lab}	15.39, -20.12, 15.48
CIE _{LCh}	15, 25.385, 142.419
Yxy	1.9824, 0.2967, 0.5059
Android (android.graphics.Color)	4278922511 (0xFF0B2D0F)
YUV	31.4140, -8.0921, -17.9031
Hunter-Lab	14.0798, -9.9003, 6.5995

Details

The Hex color **0B2D0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D0B29**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **395B3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062D0B**, and if you desaturate by 10%, it is **0F2D13**.

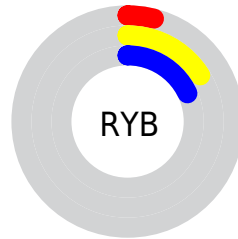
Distribution



Red (4%)

Green (18%)

Blue (6%)



Red (4%)

Yellow (16%)

Blue (18%)

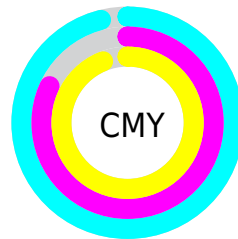


Cyan (76%)

Magenta (0%)

Yellow (67%)

Black (82%)



Cyan (96%)

Magenta (82%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2D0F 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 0B2D0F by changing the saturation by 10% instead.

 0B2D0F

 0B2D0F

 F1FFF0

 001A00

 395B3A

 000000

 517451

 6A8E69

 83A882

 9EC39D

 B9DFB7

 D5FCD3

 0B2D0F

 0B2D0F

■ 062D0B

■ 0F2D13

■ 022D07

■ 142D17

■ 002D05

■ 182D1B

■ 1D2D1F

■ 212D23

■ 262D27

■ 2B2D2B

■ 2F2D2F

■ 342D33

Harmonies

Analogous

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



242A00



0B2D0F



002F21

Triad

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



0B2D0F



002A4A



47161A

Complementary

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



0B2D0F



2D0B29

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.



44162C



0B2D0F



1E2448

Square

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



0B2D0F



002E43



381C3D



401D07

Rectangle

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



0B2D0F



002F2E



381C3D



471520

Sweetspot

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



0B2D0F



2D3B2F



292D0B



161F17



9E9E9E



1F1F1F

Same Dimension

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



0B2D0F



053B0C



0B2D20



151715



00570A



00D619

Inverse Universe

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



2D0B29



3B0534



2D0B18



171517



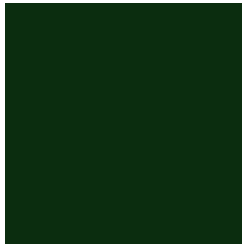
57004D



D600BD

Previews

White Background



This preview shows how the Hex color 0B2D0F 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

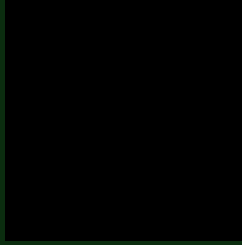
Any Text WCAG AA × Fail

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 0B2D0F Background



This preview shows how black text looks on a background with the Hex color 0B2D0F.



This preview shows how white text looks on a background with the Hex color 0B2D0F.

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
0B2D0F

Protanopia
2B270D

Deuteranopia
302512

Trichromacy



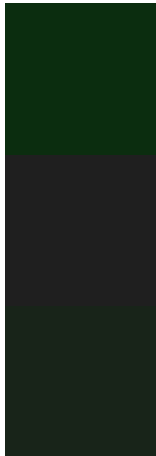
Original Color
0B2D0F

Protanomaly
1F290E

Deuteranomaly
232811

Tritanomaly
112B22

Monochromacy



Original Color
0B2D0F

Achromatopsia
1F1F1F

Achromatomaly
182419

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2D0F 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 #0B2D0F looks like.

```
.text, #text, p{  
    color:#0B2D0F  
}
```

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 #0B2D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2D0F
}
```

Border

The CSS property to change the border of an element to Hex 0B2D0F 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".

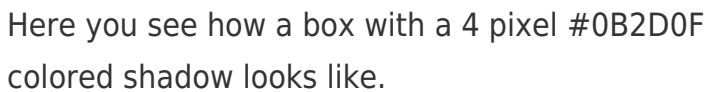
```
.border, #border, table{ border:4px solid
#0B2D0F }
```

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

```
.border{ border-color:#0B2D0F }
```

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

Here you see how a box with a 4 pixel #0B2D0F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2D0F; -webkit-box-shadow:4px 4px  
4px 4px #0B2D0F; box-shadow:4px 4px 4px  
4px #0B2D0F }
```

Background

The CSS property to change the background color of an element to Hex 0B2D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2D0F }
```

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

```
.background{ background-color:#0B2D0F }
```

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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