

Converting Colors

Hex(0B2B0B)

Have a look what the booklet for
Hex(0B2B0B) contains.

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Color

Hex(0B2B0B)

Conversions

Conversions Part 1

Format	Color
Hex	0B2B0B
RGB	11, 43, 11
RGB Percent	4%, 17%, 4%
CMY	0.9569, 0.8314, 0.9569
CMYK	0.74, 0.00, 0.74, 0.83
HSL	120°, 59%, 11%
HSV	120°, 74%, 17%
XYZ	1.0623, 1.8231, 0.6125
YIQ	29.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

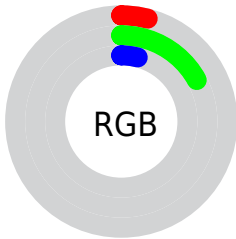
Format	Color
RYB	11, 43, 43
Decimal	731915
CIELab	14.53, -19.80, 16.29
CIELCh	15, 25.643, 140.559
Yxy	1.8231, 0.3037, 0.5212
Android (android.graphics.Color)	4278921995 (0xFF0B2B0B)
YUV	29.7840, -9.2605, -16.4736
Hunter-Lab	13.5021, -9.5849, 6.7618

Details

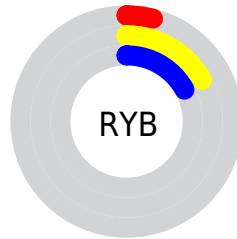
The Hex color **0B2B0B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0B2B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **385937**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072B07**, and if you desaturate by 10%, it is **0F2B0F**.

Distribution



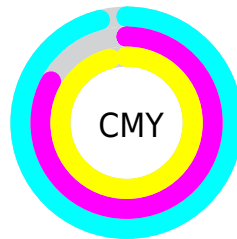
- Red (4%)
- Green (17%)
- Blue (4%)



- Red (4%)
- Yellow (17%)
- Blue (17%)



- Cyan (74%)
- Magenta (0%)
- Yellow (74%)
- Black (83%)



- Cyan (96%)
- Magenta (83%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2B0B 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 0B2B0B by changing the saturation by 10% instead.

 0B2B0B

 0B2B0B

 F0FFEB

 001800

 385937

 000000

 50724E

 698B66

 82A67F

 9DC199

 B8DDB4

 D4F9CF

 0B2B0B

 0B2B0B

■ 072B07

■ 0F2B0F

■ 022B02

■ 142B14

■ 002B00

■ 182B18

■ 1C2B1C

■ 212B21

■ 252B25

■ 292B29

■ 2D2B2D

■ 322B32

Harmonies

Analogous

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



232700



0B2B0B



002D1E

Triad

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



0B2B0B



002848



451419

Complementary

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



0B2B0B



2B0B2B

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.



42142B



0B2B0B



192247

Square

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



0B2B0B



002C40



351A3C



3F1A05

Rectangle

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



0B2B0B



002D2B



351A3C



45131F

Sweetspot

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



0B2B0B



2C382C



2B2B0B



151C15



9C9C9C



1C1C1C

Same Dimension

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



0B2B0B



063806



0B2B1B



121412



005400



00D400

Inverse Universe

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



2B0B2B



380638



2B0B1B



141214



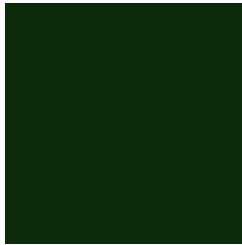
540054



D400D4

Previews

White Background



This preview shows how the Hex color 0B2B0B 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

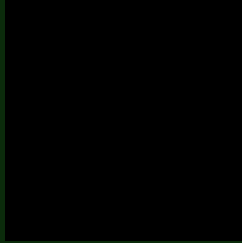
Any Text WCAG AA × Fail

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 0B2B0B Background



This preview shows how black text looks on a background with the Hex color 0B2B0B.



This preview shows how white text looks on a background with the Hex color 0B2B0B.

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
0B2B0B

Protanopia
2A2509

Deuteranopia
2E230E



Tritanopia
14282B

Trichromacy



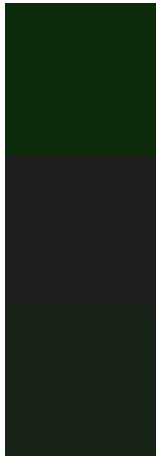
Original Color
0B2B0B

Protanomaly
1F270A

Deuteranomaly
21260D

Tritanomaly
11291F

Monochromacy



Original Color
0B2B0B

Achromatopsia
1E1E1E

Achromatomaly
172317

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2B0B 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 #0B2B0B looks like.

```
.text, #text, p{  
    color:#0B2B0B  
}
```

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 #0B2B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2B0B
}
```

Border

The CSS property to change the border of an element to Hex 0B2B0B 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".

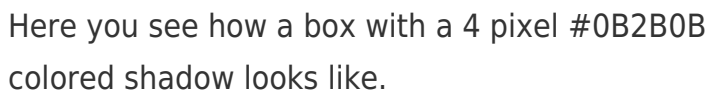
```
.border, #border, table{ border:4px solid
#0B2B0B }
```

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

```
.border{ border-color:#0B2B0B }
```

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

Here you see how a box with a 4 pixel #0B2B0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2B0B; -webkit-box-shadow:4px 4px  
4px 4px #0B2B0B; box-shadow:4px 4px 4px  
4px #0B2B0B }
```

Background

The CSS property to change the background color of an element to Hex 0B2B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2B0B }
```

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

```
.background{ background-color:#0B2B0B }
```

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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