

Converting Colors

Hex(0B2D2C)

Have a look what the booklet for
Hex(0B2D2C) contains.

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Color

Hex(0B2D2C)

Conversions

Conversions Part 1

Format	Color
Hex	0B2D2C
RGB	11, 45, 44
RGB Percent	4%, 18%, 17%
CMY	0.9569, 0.8235, 0.8275
CMYK	0.76, 0.00, 0.02, 0.82
HSL	178°, 61%, 11%
HSV	178°, 76%, 18%
XYZ	1.5310, 2.1298, 2.7133
YIQ	34.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

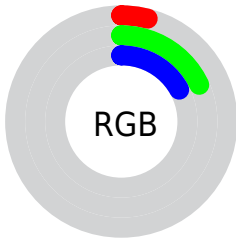
Format	Color
RYB	11, 28, 45
Decimal	732460
CIELab	16.15, -12.32, -2.98
CIELCh	16, 12.675, 193.594
Yxy	2.1298, 0.2402, 0.3341
Android (android.graphics.Color)	4278922540 (0xFF0B2D2C)
YUV	34.7200, 4.5750, -20.8024
Hunter-Lab	14.5937, -6.8127, -0.8076

Details

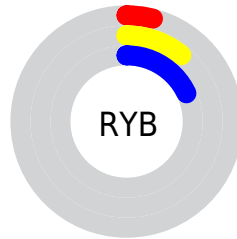
The Hex color **0B2D2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0B0C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3A5B59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062D2C**, and if you desaturate by 10%, it is **0F2D2C**.

Distribution



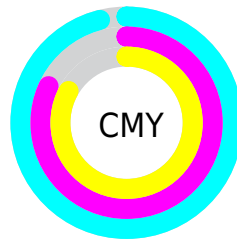
- Red (4%)
- Green (18%)
- Blue (17%)



- Red (4%)
- Yellow (11%)
- Blue (18%)



- Cyan (76%)
- Magenta (0%)
- Yellow (2%)
- Black (82%)



- Cyan (96%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2D2C 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 0B2D2C by changing the saturation by 10% instead.

 0B2D2C

 0B2D2C

 F3FFFF

 001917

 3A5B59

 000000

 527472

 6B8D8B

 84A8A6

 9FC3C1

 BADFDD

 D6FBF9

 0B2D2C

 0B2D2C

■ 062D2C

■ 0F2D2C

■ 022D2C

■ 142D2C

■ 002D2C

■ 182D2C

■ 1D2D2D

■ 212D2D

■ 262D2D

■ 2B2D2D

■ 2F2D2D

■ 342D2D

Harmonies

Analogous

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



152D23



0B2D2C



092C34

Triad

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



0B2D2C



2E2435



332617

Complementary

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



0B2D2C



2D0B0C

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.



38231C



0B2D2C



37222D

Square

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



0B2D2C



22283A



3A2124



2A2916

Rectangle

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



0B2D2C



0F2B38



3A2124



352518

Sweetspot

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



0B2D2C



2D3B3A



0C2D0B



161F1E



9E9E9E



1F1F1F

Same Dimension

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



0B2D2C



053B39



0B1D2D



151717



005754



00D6D0

Inverse Universe

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



2D0B0C



3B0507



2D1B0B



171515



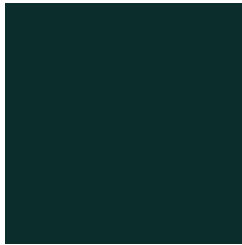
570003



D60006

Previews

White Background



This preview shows how the Hex color 0B2D2C looks on a white background.

Color Contrast Check

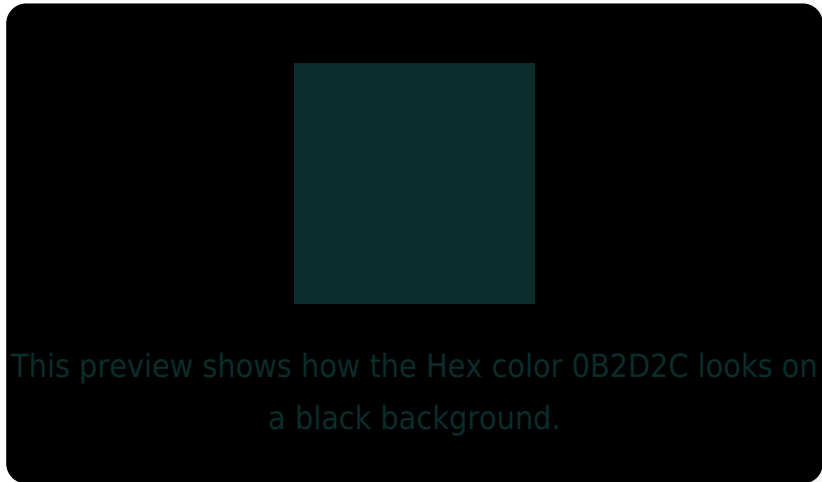
Large Text (above 18pt) WCAG AA ✓ Pass

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

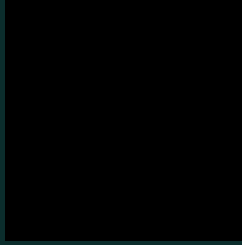
Any Text WCAG AA × Fail

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 0B2D2C Background



This preview shows how black text looks on a background with the Hex color 0B2D2C.



This preview shows how white text looks on a background with the Hex color 0B2D2C.

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
0B2D2C

Protanopia
292829

Deuteranopia
2A272D

Trichromacy



Original Color
0B2D2C

Protanomaly
1E2A2A

Deuteranomaly
1F292D

Tritanomaly
0D2C2F

Monochromacy



Original Color
0B2D2C

Achromatopsia
232323

Achromatomaly
1A2726

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2D2C 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 #0B2D2C looks like.

```
.text, #text, p{  
    color:#0B2D2C  
}
```

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 #0B2D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2D2C
}
```

Border

The CSS property to change the border of an element to Hex 0B2D2C 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
#0B2D2C }
```

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

```
.border{ border-color:#0B2D2C }
```

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

Here you see how a box with a 4 pixel #0B2D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2D2C; -webkit-box-shadow:4px 4px  
4px 4px #0B2D2C; box-shadow:4px 4px 4px  
4px #0B2D2C }
```

Background

The CSS property to change the background color of an element to Hex 0B2D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2D2C }
```

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

```
.background{ background-color:#0B2D2C }
```

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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