

Converting Colors

Hex(0B2C2F)

Have a look what the booklet for
Hex(0B2C2F) contains.

Hex(0B2C2F)	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(0B2C2F)

Conversions

Conversions Part 1

Format	Color
Hex	0B2C2F
RGB	11, 44, 47
RGB Percent	4%, 17%, 18%
CMY	0.9569, 0.8275, 0.8157
CMYK	0.77, 0.06, 0.00, 0.82
HSL	185°, 62%, 11%
HSV	185°, 77%, 18%
XYZ	1.5518, 2.0777, 3.0086
YIQ	34.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

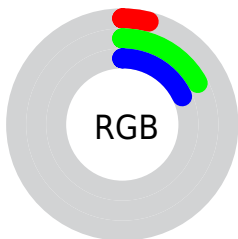
Format	Color
RYB	11, 28, 47
Decimal	732207
CIELab	15.89, -10.61, -5.48
CIELCh	16, 11.946, 207.312
Yxy	2.0777, 0.2338, 0.3130
Android (android.graphics.Color)	4278922287 (0xFF0B2C2F)
YUV	34.4750, 6.1748, -20.5876
Hunter-Lab	14.4144, -6.0088, -2.2850

Details

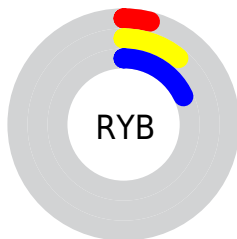
The Hex color **0B2C2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0E0B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A5A5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062C2F**, and if you desaturate by 10%, it is **102C2F**.

Distribution



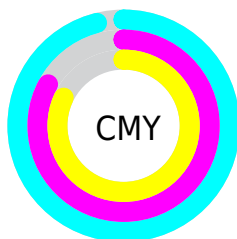
- Red (4%)
- Green (17%)
- Blue (18%)



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



- Cyan (77%)
- Magenta (6%)
- Yellow (0%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2C2F 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 0B2C2F by changing the saturation by 10% instead.

0B2C2F

0B2C2F

F3FFFF

00181A

3A5A5D

000000

527275

6B8C8F

85A6A9

9FC1C5

BBDDE1

D7FAFD

0B2C2F

0B2C2F

■ 062C2F

■ 102C2F

■ 022B2F

■ 142D2F

■ 002B2F

■ 192D2F

■ 1E2E2F

■ 232E2F

■ 272E2F

■ 2C2F2F

■ 312F2F

■ 35302F

Harmonies

Analogous

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



122C26



0B2C2F



0F2B36

Triad

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



0B2C2F



322331



2E2717

Complementary

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



0B2C2F



2F0E0B

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.



35241A



0B2C2F



372129

Square

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



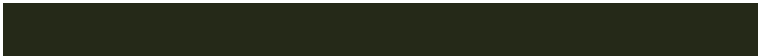
0B2C2F



282637



382220



252918

Rectangle

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



0B2C2F



172938



382220



312617

Sweetspot

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



0B2C2F



2F3C3D



0B2F0E



161E1F



9E9E9E



1F1F1F

Same Dimension

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



0B2C2F



05393D



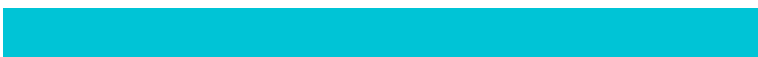
0B1A2F



151717



004F57



00C4D6

Inverse Universe

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



2F0B2C



3D0539



2F200B



171517



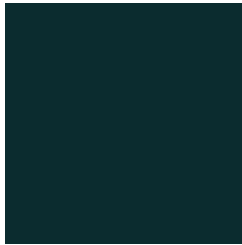
57004F



D600C4

Previews

White Background



This preview shows how the Hex color 0B2C2F looks on a white background.

Color Contrast Check

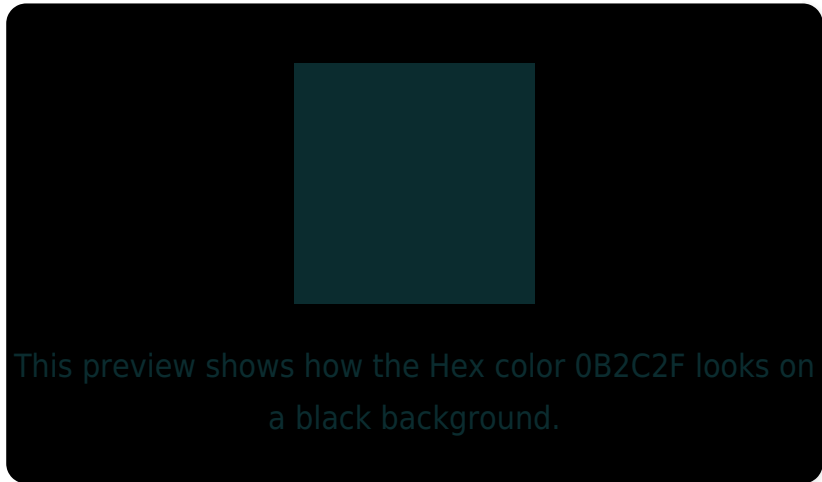
Large Text (above 18pt) WCAG AA ✓ Pass

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

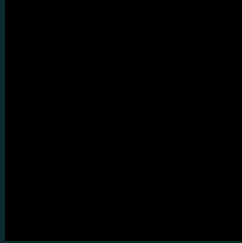
Any Text WCAG AA × Fail

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 0B2C2F Background



This preview shows how black text looks on a background with the Hex color 0B2C2F.



This preview shows how white text looks on a background with the Hex color 0B2C2F.

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
0B2C2F

Protanopia
27272C

Deuteranopia
272730

Trichromacy



Original Color
0B2C2F

Protanomaly
1D292D

Deuteranomaly
1D2930

Tritanomaly
0B2C2F

Monochromacy



Original Color
0B2C2F

Achromatopsia
222222

Achromatomaly
1A2627

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2C2F 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 #0B2C2F looks like.

```
.text, #text, p{  
    color:#0B2C2F  
}
```

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 #0B2C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2C2F
}
```

Border

The CSS property to change the border of an element to Hex 0B2C2F 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
#0B2C2F }
```

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

```
.border{ border-color:#0B2C2F }
```

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

Here you see how a box with a 4 pixel #0B2C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2C2F; -webkit-box-shadow:4px 4px  
4px 4px #0B2C2F; box-shadow:4px 4px 4px  
4px #0B2C2F }
```

Background

The CSS property to change the background color of an element to Hex 0B2C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2C2F }
```

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

```
.background{ background-color:#0B2C2F }
```

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