

Converting Colors

Hex(0B3D3C)

Have a look what the booklet for
Hex(0B3D3C) contains.

Hex(0B3D3C)	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(0B3D3C)

Conversions

Conversions Part 1

Format	Color
Hex	0B3D3C
RGB	11, 61, 60
RGB Percent	4%, 24%, 24%
CMY	0.9569, 0.7608, 0.7647
CMYK	0.82, 0.00, 0.02, 0.76
HSL	179°, 69%, 14%
HSV	179°, 82%, 24%
XYZ	2.6224, 3.7349, 4.8577
YIQ	45.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

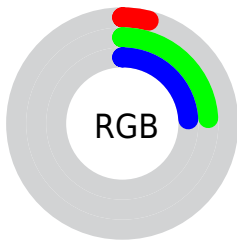
Format	Color
RYB	11, 36, 61
Decimal	736572
CIELab	22.77, -16.05, -4.08
CIELCh	23, 16.559, 194.266
Yxy	3.7349, 0.2338, 0.3330
Android (android.graphics.Color)	4278926652 (0xFF0B3D3C)
YUV	45.9360, 6.9336, -30.6389
Hunter-Lab	19.3258, -9.5991, -1.3748

Details

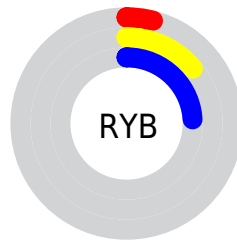
The Hex color **0B3D3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0B0C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3F6D6B**, and **001212** is the 20% darker color. If you saturate the color by 10%, you get **053D3C**, and if you desaturate by 10%, it is **113D3C**.

Distribution



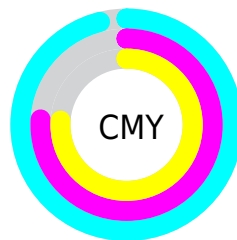
- Red (4%)
- Green (24%)
- Blue (24%)



- Red (4%)
- Yellow (14%)
- Blue (24%)



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



- Cyan (96%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3D3C 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 0B3D3C by changing the saturation by 10% instead.

 0B3D3C

 0B3D3C

 FCFFFF

 002726

 3F6D6B

 001212

 588684

 000000

 72A09F

 8CBBB9

 A7D7D5

 C3F4F1

 DFFFFF

 0B3D3C

 0B3D3C

■ 053D3C

■ 113D3C

■ 003D3C

■ 173D3C

■ 1D3D3C

■ 233D3C

■ 2A3D3D

■ 303D3D

■ 363D3D

■ 3C3D3D

■ 423D3D

Harmonies

Analogous

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



1C3D2F



0B3D3C



073C47

Triad

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



0B3D3C



3F3148



44331F

Complementary

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



0B3D3C



3D0B0C

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.



4C2F26



0B3D3C



4A2E3D

Square

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



0B3D3C



2E364E



4F2D31



39371E

Rectangle

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



0B3D3C



133A4C



4F2D31



473220

Sweetspot

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



0B3D3C



3B4F4F



0D3D0B



1D2929



A8A8A8



292929

Same Dimension

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



0B3D3C



024F4E



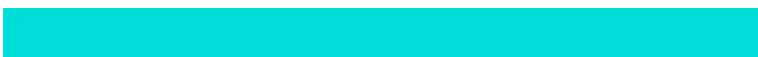
0B263D



1C1F1F



005E5C



00DED9

Inverse Universe

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



3D0B0C



4F0203



3D220B



1F1C1C



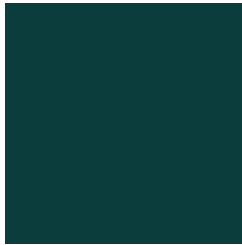
5E0002



DE0004

Previews

White Background



This preview shows how the Hex color 0B3D3C looks on a white background.

Color Contrast Check

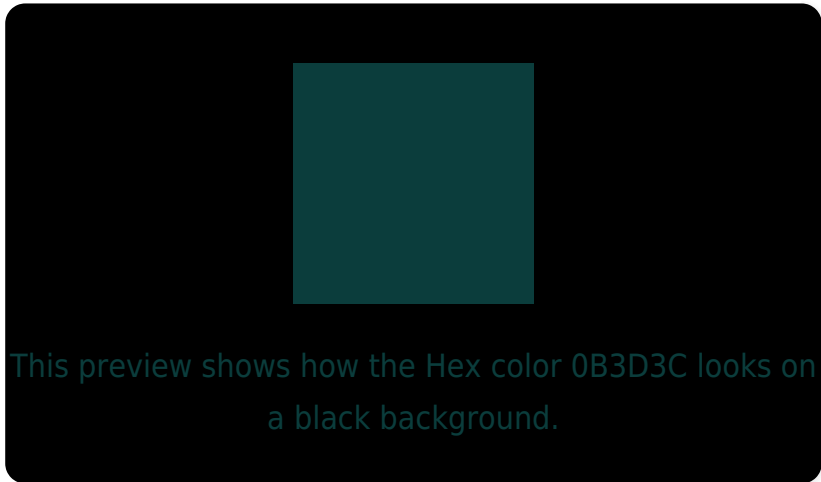
Large Text (above 18pt) WCAG AA ✓ Pass

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

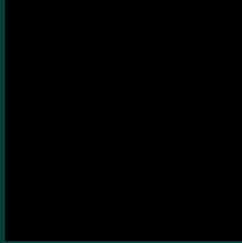
Any Text WCAG AA × Fail

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 0B3D3C Background



This preview shows how black text looks on a background with the Hex color 0B3D3C.



This preview shows how white text looks on a background with the Hex color 0B3D3C.

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
0B3D3C

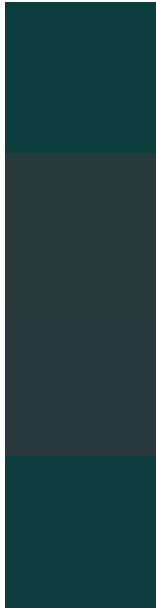
Protanopia
373638

Deuteranopia
38353E



Tritanopia
103C41

Trichromacy



Original Color
0B3D3C

Protanomaly
273939

Deuteranomaly
28383D

Tritanomaly
0E3C3F

Monochromacy



Original Color
0B3D3C

Achromatopsia
2E2E2E

Achromatomaly
213333

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3D3C 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 #0B3D3C looks like.

```
.text, #text, p{  
    color:#0B3D3C  
}
```

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 #0B3D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3D3C
}
```

Border

The CSS property to change the border of an element to Hex 0B3D3C 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
#0B3D3C }
```

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

```
.border{ border-color:#0B3D3C }
```

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

Here you see how a box with a 4 pixel #0B3D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3D3C; -webkit-box-shadow:4px 4px  
4px 4px #0B3D3C; box-shadow:4px 4px 4px  
4px #0B3D3C }
```

Background

The CSS property to change the background color of an element to Hex 0B3D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3D3C }
```

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

```
.background{ background-color:#0B3D3C }
```

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