

Converting Colors

Hex(0B3D2A)

Have a look what the booklet for
Hex(0B3D2A) contains.

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Color

Hex(0B3D2A)

Conversions

Conversions Part 1

Format	Color
Hex	0B3D2A
RGB	11, 61, 42
RGB Percent	4%, 24%, 16%
CMY	0.9569, 0.7608, 0.8353
CMYK	0.82, 0.00, 0.31, 0.76
HSL	157°, 69%, 14%
HSV	157°, 82%, 24%
XYZ	2.2247, 3.5758, 2.7634
YIQ	43.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

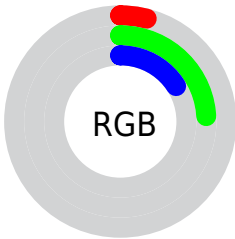
Format	Color
RYB	11, 42, 61
Decimal	736554
CIELab	22.22, -21.70, 7.12
CIELCh	22, 22.837, 161.847
Yxy	3.5758, 0.2598, 0.4175
Android (android.graphics.Color)	4278926634 (0xFF0B3D2A)
YUV	43.8840, -0.9288, -28.8393
Hunter-Lab	18.9098, -12.0922, 4.5723

Details

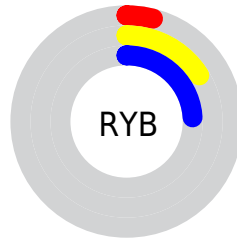
The Hex color **0B3D2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0B1E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3E6D57**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **053D28**, and if you desaturate by 10%, it is **113D2C**.

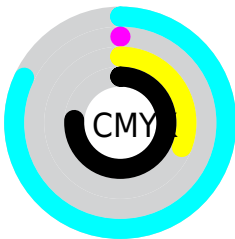
Distribution



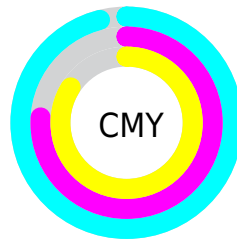
- Red (4%)
- Green (24%)
- Blue (16%)



- Red (4%)
- Yellow (16%)
- Blue (24%)



- Cyan (82%)
- Magenta (0%)
- Yellow (31%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3D2A 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 0B3D2A by changing the saturation by 10% instead.

 0B3D2A

 0B3D2A

 F9FFFF

 002716

 3E6D57

 000F00

 568670

 000000

 70A189

 8ABCA3

 A5D8BE

 C0F4DA

 DCFFF7

 0B3D2A

 0B3D2A

■ 053D28

■ 113D2C

■ 003D26

■ 173D2F

■ 1D3D31

■ 233D33

■ 2A3D36

■ 303D38

■ 363D3A

■ 3C3D3D

■ 423D3F

Harmonies

Analogous

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



263B1B



0B3D2A



003E3C

Triad

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



0B3D2A



253556



522A1F

Complementary

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



0B3D2A



3D0B1E

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.



55272F



0B3D2A



3F2E4E

Square

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



0B3D2A



003A55



4F2840



483115

Rectangle

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



0B3D2A



003D46



4F2840



542924

Sweetspot

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



0B3D2A



3B4F48



1E3D0B



1D2924



A8A8A8



292929

Same Dimension

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



0B3D2A



024F32



0B373D



1C1F1D



005E3A



00DE8A

Inverse Universe

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



3D0B1E



4F021F



3D110B



1F1C1D



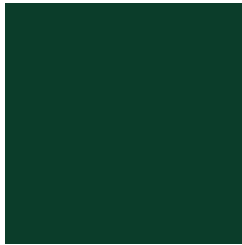
5E0024



DE0054

Previews

White Background



This preview shows how the Hex color 0B3D2A looks on a white background.

Color Contrast Check

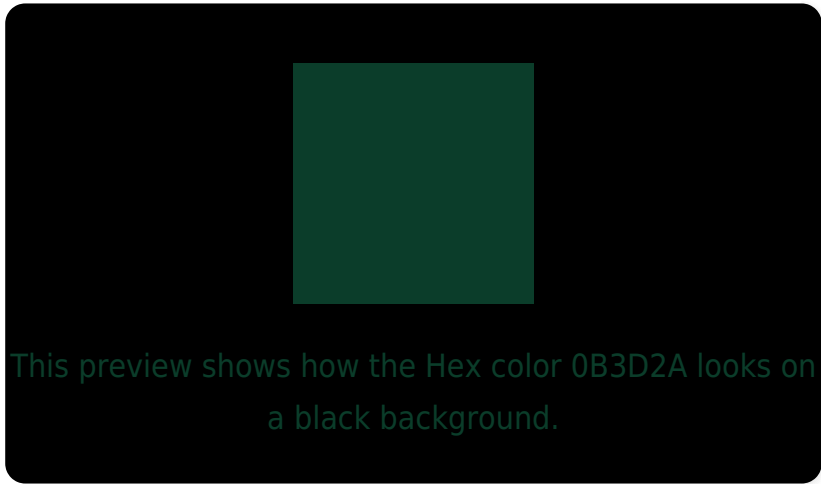
Large Text (above 18pt) WCAG AA ✓ Pass

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

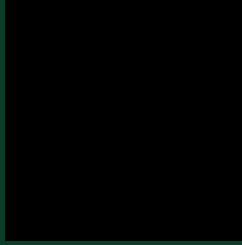
Any Text WCAG AA × Fail

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 0B3D2A Background



This preview shows how black text looks on a background with the Hex color 0B3D2A.



This preview shows how white text looks on a background with the Hex color 0B3D2A.

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
0B3D2A

Protanopia
393527

Deuteranopia
3E332C



Tritanopia
173A3F

Trichromacy



Original Color
0B3D2A

Protanomaly
283828

Deuteranomaly
2B372B

Tritanomaly
133B37

Monochromacy



Original Color
0B3D2A

Achromatopsia
2C2C2C

Achromatomaly
20322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3D2A 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 #0B3D2A looks like.

```
.text, #text, p{  
    color:#0B3D2A  
}
```

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 #0B3D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3D2A
}
```

Border

The CSS property to change the border of an element to Hex 0B3D2A 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
#0B3D2A }
```

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

```
.border{ border-color:#0B3D2A }
```

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

Here you see how a box with a 4 pixel #0B3D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3D2A; -webkit-box-shadow:4px 4px  
4px 4px #0B3D2A; box-shadow:4px 4px 4px  
4px #0B3D2A }
```

Background

The CSS property to change the background color of an element to Hex 0B3D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3D2A }
```

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

```
.background{ background-color:#0B3D2A }
```

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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