

Converting Colors

Hex(0B3D16)

Have a look what the booklet for
Hex(0B3D16) contains.

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Color

Hex(0B3D16)

Conversions

Conversions Part 1

Format	Color
Hex	0B3D16
RGB	11, 61, 22
RGB Percent	4%, 24%, 9%
CMY	0.9569, 0.7608, 0.9137
CMYK	0.82, 0.00, 0.64, 0.76
HSL	133°, 69%, 14%
HSV	133°, 82%, 24%
XYZ	1.9516, 3.4666, 1.3253
YIQ	41.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

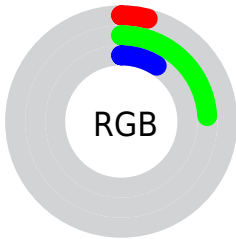
Format	Color
RYB	11, 52, 61
Decimal	736534
CIELab	21.82, -26.12, 19.21
CIELCh	22, 32.417, 143.668
Yxy	3.4666, 0.2894, 0.5141
Android (android.graphics.Color)	4278926614 (0xFF0B3D16)
YUV	41.6040, -9.6648, -26.8397
Hunter-Lab	18.6187, -13.8727, 8.8127

Details

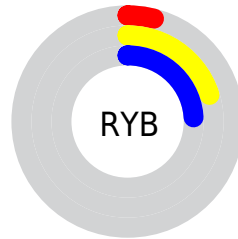
The Hex color **0B3D16** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D0B32**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3E6D42**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **053D11**, and if you desaturate by 10%, it is **113D1B**.

Distribution



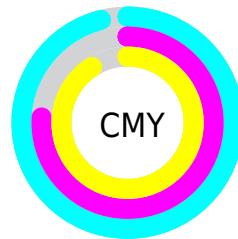
- Red (4%)
- Green (24%)
- Blue (9%)



- Red (4%)
- Yellow (20%)
- Blue (24%)



- Cyan (82%)
- Magenta (0%)
- Yellow (64%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3D16 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 0B3D16 by changing the saturation by 10% instead.

 0B3D16

 0B3D16

 FAFFFA

 002700

 3E6D42

 000C00

 57875A

 000000

 70A172

 8ABC8C

 A5D8A7

 C1F5C2

 DdffDE

 0B3D16

 0B3D16

■ 053D11

■ 113D1B

■ 003D0D

■ 173D20

■ 1D3D24

■ 233D29

■ 2A3D2E

■ 303D33

■ 363D37

■ 3C3D3C

■ 423D41

Harmonies

Analogous

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



2E3901



0B3D16



003F2E

Triad

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



0B3D16



003964



5F1E23

Complementary

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



0B3D16



3D0B32

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.



5C1D3A



0B3D16



2A3060

Square

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



0B3D16



003D5B



4C2551



55280D

Rectangle

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



0B3D16



003F3F



4C2551



5F1C2A

Sweetspot

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



0B3D16



3B4F40



323D0B



1D291F



A8A8A8



292929

Same Dimension

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



0B3D16



024F13



0B3D2F



1C1F1C



005E15



00DE31

Inverse Universe

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



3D0B32



4F023E



3D0B19



1F1C1E



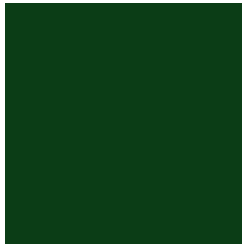
5E004A



DE00AD

Previews

White Background



This preview shows how the Hex color 0B3D16 looks on a white background.

Color Contrast Check

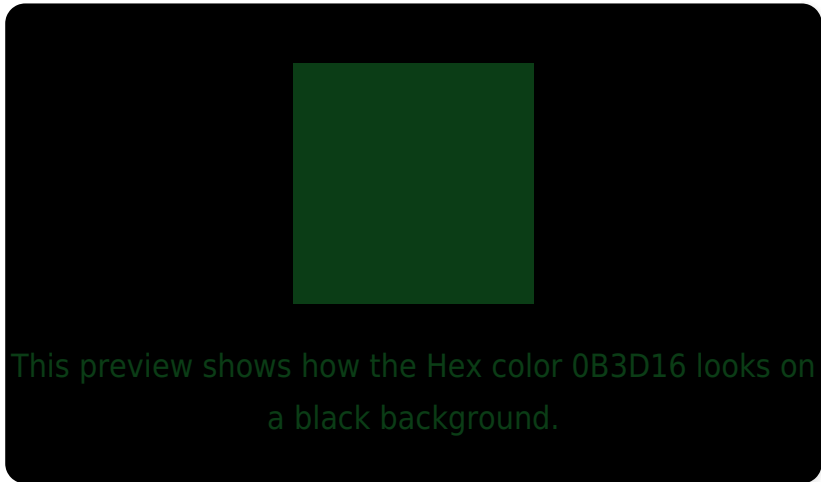
Large Text (above 18pt) WCAG AA ✓ Pass

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

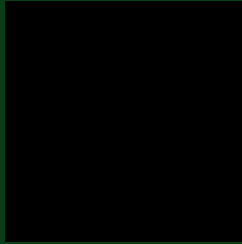
Any Text WCAG AA × Fail

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 0B3D16 Background



This preview shows how black text looks on a background with the Hex color 0B3D16.



This preview shows how white text looks on a background with the Hex color 0B3D16.

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](#).

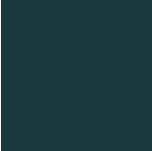
Dichromacy



Original Color
0B3D16

Protanopia
3B3514

Deuteranopia
413219



Tritanopia
1A393E

Trichromacy



Original Color
0B3D16

Protanomaly
2A3815

Deuteranomaly
2D3618

Tritanomaly
153A2F

Monochromacy



Original Color
0B3D16

Achromatopsia
2A2A2A

Achromatomaly
1F3123

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3D16 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 #0B3D16 looks like.

```
.text, #text, p{  
    color:#0B3D16  
}
```

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 #0B3D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3D16
}
```

Border

The CSS property to change the border of an element to Hex 0B3D16 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
#0B3D16 }
```

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

```
.border{ border-color:#0B3D16 }
```

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

Here you see how a box with a 4 pixel #0B3D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3D16; -webkit-box-shadow:4px 4px  
4px 4px #0B3D16; box-shadow:4px 4px 4px  
4px #0B3D16 }
```

Background

The CSS property to change the background color of an element to Hex 0B3D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3D16 }
```

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

```
.background{ background-color:#0B3D16 }
```

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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