

Converting Colors

Hex(0B3A1B)

Have a look what the booklet for
Hex(0B3A1B) contains.

Hex(0B3A1B)	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(0B3A1B)

Conversions

Conversions Part 1

Format	Color
Hex	0B3A1B
RGB	11, 58, 27
RGB Percent	4%, 23%, 11%
CMY	0.9569, 0.7725, 0.8941
CMYK	0.81, 0.00, 0.53, 0.77
HSL	140°, 68%, 14%
HSV	140°, 81%, 23%
XYZ	1.8489, 3.1764, 1.5526
YIQ	40.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

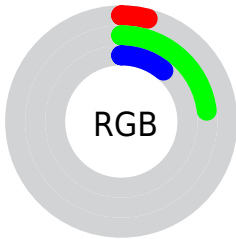
Format	Color
R_{YB}	11, 46, 58
Decimal	735771
CIE _{Lab}	20.74, -23.88, 14.84
CIE _{LCh}	21, 28.114, 148.137
Y _{xy}	3.1764, 0.2811, 0.4829
Android (android.graphics.Color)	4278925851 (0xFF0B3A1B)
YUV	40.4130, -6.6126, -25.7952
Hunter-Lab	17.8224, -12.6717, 7.3108

Details

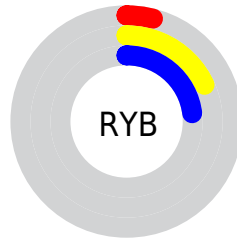
The Hex color **0B3A1B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0B2A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3D6A47**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **053A17**, and if you desaturate by 10%, it is **113A1F**.

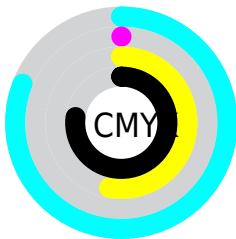
Distribution



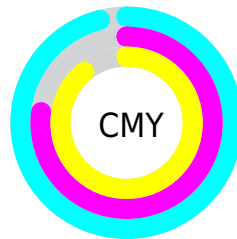
- Red (4%)
- Green (23%)
- Blue (11%)



- Red (4%)
- Yellow (18%)
- Blue (23%)



- Cyan (81%)
- Magenta (0%)
- Yellow (53%)
- Black (77%)



- Cyan (96%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3A1B 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 0B3A1B by changing the saturation by 10% instead.

 0B3A1B

 0B3A1B

 F8FFFF

 002402

 3D6A47

 000500

 55835F

 000000

 6E9D78

 88B891

 A3D4AC

 BFF1C7

 DBFFE3

 0B3A1B

 0B3A1B

■ 053A17

■ 113A1F

■ 003A14

■ 173A23

■ 1C3A26

■ 223A2A

■ 283A2E

■ 2E3A32

■ 343A36

■ 393A3A

■ 3F3A3D

Harmonies

Analogous

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



29360A



0B3A1B



003C30

Triad

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



0B3A1B



00355B



562120

Complementary

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



0B3A1B



3A0B2A

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.



561E34



0B3A1B



302D56

Square

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



0B3A1B



003955



4A2448



4D280E

Rectangle

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



0B3A1B



003C3E



4A2448



571F26

Sweetspot

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



0B3A1B



3A4D40



2A3A0B



1B261F



A6A6A6



262626

Same Dimension

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



0B3A1B



024D1C



0B3A32



191C1A



005C1F



00DB4B

Inverse Universe

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



3A0B2A



4D0233



3A0B13



1C191B



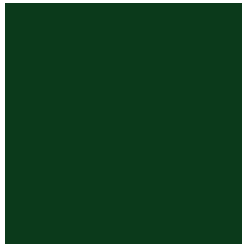
5C003D



DB0091

Previews

White Background



This preview shows how the Hex color 0B3A1B looks on a white background.

Color Contrast Check

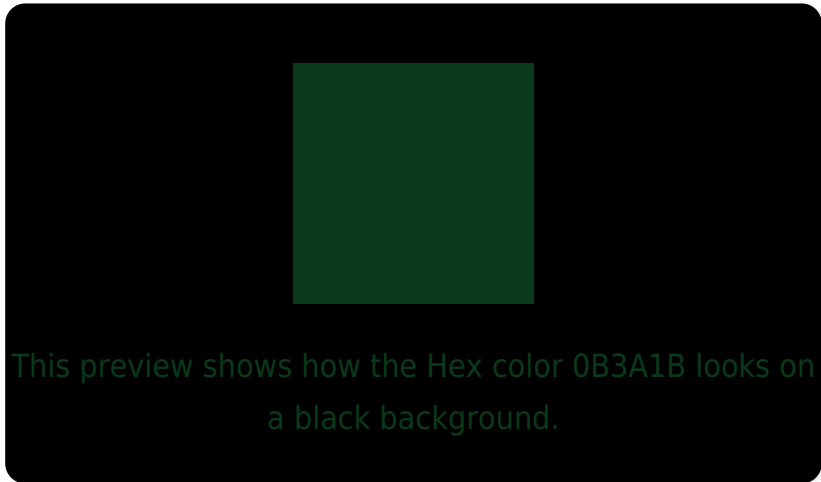
Large Text (above 18pt) WCAG AA ✓ Pass

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

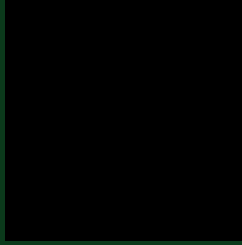
Any Text WCAG AA × Fail

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 0B3A1B Background



This preview shows how black text looks on a background with the Hex color 0B3A1B.



This preview shows how white text looks on a background with the Hex color 0B3A1B.

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
0B3A1B

Protanopia
373218

Deuteranopia
3D301E



Tritanopia
19373B

Trichromacy



Original Color
0B3A1B

Protanomaly
273519

Deuteranomaly
2B341D

Tritanomaly
14382F

Monochromacy



Original Color
0B3A1B

Achromatopsia
282828

Achromatomaly
1D2F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3A1B 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 #0B3A1B looks like.

```
.text, #text, p{  
    color:#0B3A1B  
}
```

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 #0B3A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3A1B
}
```

Border

The CSS property to change the border of an element to Hex 0B3A1B 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".

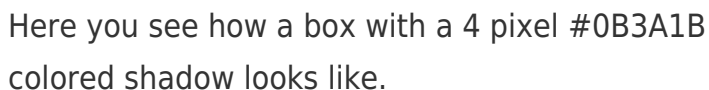
```
.border, #border, table{ border:4px solid
#0B3A1B }
```

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

```
.border{ border-color:#0B3A1B }
```

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

Here you see how a box with a 4 pixel #0B3A1B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3A1B; -webkit-box-shadow:4px 4px  
4px 4px #0B3A1B; box-shadow:4px 4px 4px  
4px #0B3A1B }
```

Background

The CSS property to change the background color of an element to Hex 0B3A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3A1B }
```

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

```
.background{ background-color:#0B3A1B }
```

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