

# Converting Colors

Hex(0B2E17)

Have a look what the booklet for  
Hex(0B2E17) contains.

<b>Hex(0B2E17)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0B2E17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B2E17
RGB	11, 46, 23
RGB Percent	4%, 18%, 9%
CMY	0.9569, 0.8196, 0.9098
CMYK	0.76, 0.00, 0.50, 0.82
HSL	141°, 61%, 11%
HSV	141°, 76%, 18%
XYZ	1.2697, 2.0870, 1.1465
YIQ	32.9130, -13.4770, -14.5730

# Conversions

## Conversions Part 2

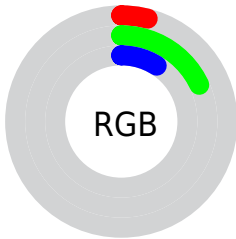
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 37, 46
Decimal	732695
CIELab	15.94, -19.02, 11.23
CIELCh	16, 22.090, 149.452
Yxy	2.0870, 0.2819, 0.4634
Android (android.graphics.Color)	4278922775 (0xFF0B2E17)
YUV	32.9130, -4.8871, -19.2177
Hunter-Lab	14.4465, -9.5934, 5.4070

# Details

The Hex color **0B2E17** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E0B22**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **395C42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062E14**, and if you desaturate by 10%, it is **102E1A**.

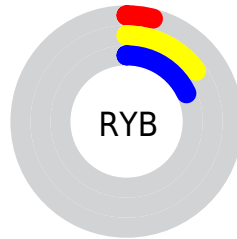
# Distribution



Red (4%)

Green (18%)

Blue (9%)



Red (4%)

Yellow (15%)

Blue (18%)

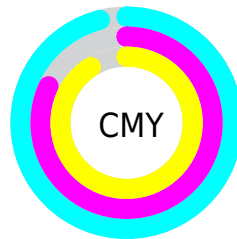


Cyan (76%)

Magenta (0%)

Yellow (50%)

Black (82%)



Cyan (96%)

Magenta (82%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B2E17 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 0B2E17 by changing the saturation by 10% instead.



 0B2E17


 0B2E17

 F1FFFA

 001B00

 395C42

 000000

 517559

 6A8F72

 83A98C

 9EC5A6

 B9E1C1

 D5FDDD

 0B2E17

 0B2E17

■ 062E14

■ 102E1A

■ 022E11

■ 142E1D

■ 002E10

■ 192E20

■ 1D2E23

■ 222E26

■ 272E29

■ 2B2E2C

■ 302E2F

■ 342E32

# Harmonies

## Analogous

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



212B09



0B2E17



002F27

# Triad

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



0B2E17



022947



441B19

# Complementary

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



0B2E17



2E0B22

# 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.



431A29



0B2E17



282443

# Square

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



0B2E17



002D42



3A1D38



3D210B

# Rectangle

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



0B2E17



002F32



3A1D38



441A1E



# Sweetspot

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



0B2E17



2D3B32



222E0B



161F19



9E9E9E



1F1F1F



# Same Dimension

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



0B2E17



053B18



0B2E28



151715



00571E



00D649



# Inverse Universe

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



2E0B22



3B0528



2E0B11



171516



570039

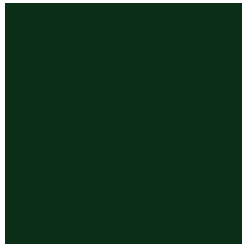


D6008D



# Previews

## White Background



This preview shows how the Hex color 0B2E17 looks on a white background.

## Color Contrast Check

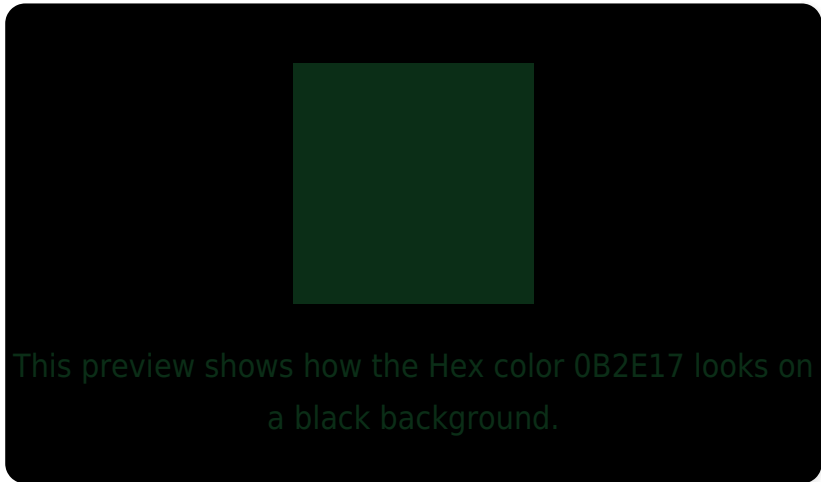
Large Text (above 18pt) WCAG AA ✓ Pass

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

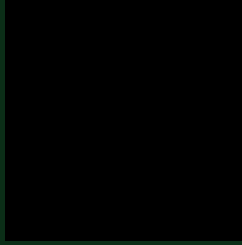
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B2E17 Background



This preview shows how black text looks on a background with the Hex color 0B2E17.



This preview shows how white text looks on a background with the Hex color 0B2E17.

# 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**  
0B2E17

**Protanopia**  
2C2815

**Deuteranopia**  
302619



**Tritanopia**  
142B2F

# Trichromacy



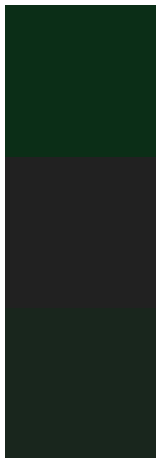
**Original Color**  
0B2E17

**Protanomaly**  
202A16

**Deuteranomaly**  
232918

**Tritanomaly**  
112C26

# Monochromacy



**Original Color**  
0B2E17

**Achromatopsia**  
212121

**Achromatomaly**  
19261D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B2E17 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 #0B2E17 looks like.

```
.text, #text, p{  
    color:#0B2E17  
}
```

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 #0B2E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2E17
}
```

## Border

The CSS property to change the border of an element to Hex 0B2E17 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".

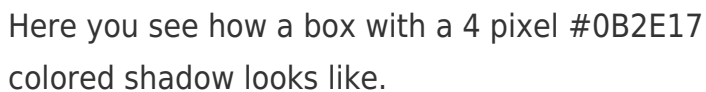
```
.border, #border, table{ border:4px solid
#0B2E17 }
```

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

```
.border{ border-color:#0B2E17 }
```

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

Here you see how a box with a 4 pixel #0B2E17 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2E17; -webkit-box-shadow:4px 4px  
4px 4px #0B2E17; box-shadow:4px 4px 4px  
4px #0B2E17 }
```

# Background

The CSS property to change the background color of an element to Hex 0B2E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2E17 }
```

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

```
.background{ background-color:#0B2E17 }
```

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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