

Converting Colors

Hex(0B2C07)

Have a look what the booklet for
Hex(0B2C07) contains.

Hex(0B2C07)	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(0B2C07)

Conversions

Conversions Part 1

Format	Color
Hex	0B2C07
RGB	11, 44, 7
RGB Percent	4%, 17%, 3%
CMY	0.9569, 0.8275, 0.9725
CMYK	0.75, 0.00, 0.84, 0.83
HSL	114°, 73%, 10%
HSV	114°, 84%, 17%
XYZ	1.0770, 1.8879, 0.5086
YIQ	29.9150, -7.7910, -18.5030

Conversions

Conversions Part 2

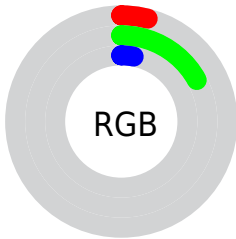
Format	Color
RYB	7, 44, 40
Decimal	732167
CIELab	14.89, -20.83, 18.39
CIELCh	15, 27.788, 138.555
Yxy	1.8879, 0.3101, 0.5435
Android (android.graphics.Color)	4278922247 (0xFF0B2C07)
YUV	29.9150, -11.2971, -16.5885
Hunter-Lab	13.7399, -10.0526, 7.4231

Details

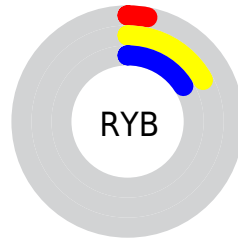
The Hex color **0B2C07** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28072C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **395A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072C03**, and if you desaturate by 10%, it is **0F2C0B**.

Distribution



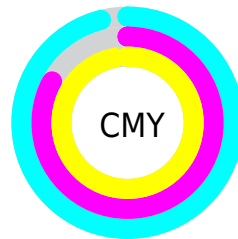
- Red (4%)
- Green (17%)
- Blue (3%)



- Red (3%)
- Yellow (17%)
- Blue (16%)



- Cyan (75%)
- Magenta (0%)
- Yellow (84%)
- Black (83%)



- Cyan (96%)
- Magenta (83%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2C07 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 0B2C07 by changing the saturation by 10% instead.

 0B2C07

 0B2C07

 F1FFE8

 001A00

 395A34

 000000

 50734B

 698D63

 83A77C

 9DC296

 B8DEB1

 D4FBCC

 0B2C07

 0B2C07

■ 072C03

■ 0F2C0B

■ 052C00

■ 132C10

■ 172C14

■ 1B2C19

■ 1F2C1D

■ 232C21

■ 262C26

■ 2A2C2A

■ 2E2C2F

Harmonies

Analogous

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



252800



0B2C07



002E1D

Triad

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



0B2C07



002A4C



48121A

Complementary

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



0B2C07



28072C

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.



45122E



0B2C07



15234B

Square

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



0B2C07



002D42



351A40



421904

Rectangle

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



0B2C07



002E2B



351A40



481121

Sweetspot

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



0B2C07



2C382A



2C2807



151C14



9C9C9C



1C1C1C

Same Dimension

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



0B2C07



063800



072C15



151715



095700



17D600

Inverse Universe

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



28072C



320038



2C071E



171517



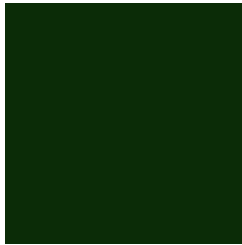
4D0057



BF00D6

Previews

White Background



This preview shows how the Hex color 0B2C07 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

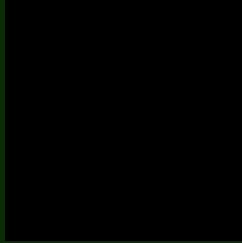
Any Text WCAG AA × Fail

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 0B2C07 Background



This preview shows how black text looks on a background with the Hex color 0B2C07.



This preview shows how white text looks on a background with the Hex color 0B2C07.

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
0B2C07

Protanopia
2B2605

Deuteranopia
2F240B



Tritanopia
15292C

Trichromacy



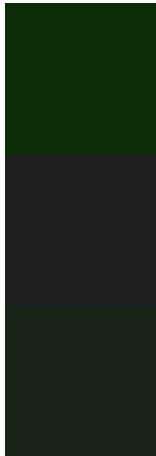
Original Color
0B2C07

Protanomaly
1F2806

Deuteranomaly
22270A

Tritanomaly
112A1F

Monochromacy



Original Color
0B2C07

Achromatopsia
1E1E1E

Achromatomaly
172316

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2C07 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 #0B2C07 looks like.

```
.text, #text, p{  
    color:#0B2C07  
}
```

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 #0B2C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2C07
}
```

Border

The CSS property to change the border of an element to Hex 0B2C07 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".

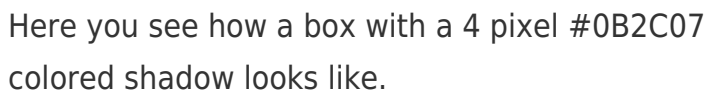
```
.border, #border, table{ border:4px solid
#0B2C07 }
```

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

```
.border{ border-color:#0B2C07 }
```

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

Here you see how a box with a 4 pixel #0B2C07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2C07; -webkit-box-shadow:4px 4px  
4px 4px #0B2C07; box-shadow:4px 4px 4px  
4px #0B2C07 }
```

Background

The CSS property to change the background color of an element to Hex 0B2C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2C07 }
```

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

```
.background{ background-color:#0B2C07 }
```

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