

Converting Colors

Hex(0B2B15)

Have a look what the booklet for
Hex(0B2B15) contains.

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Color

Hex(0B2B15)

Conversions

Conversions Part 1

Format	Color
Hex	0B2B15
RGB	11, 43, 21
RGB Percent	4%, 17%, 8%
CMY	0.9569, 0.8314, 0.9176
CMYK	0.74, 0.00, 0.51, 0.83
HSL	139°, 59%, 11%
HSV	139°, 74%, 17%
XYZ	1.1372, 1.8530, 1.0072
YIQ	30.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

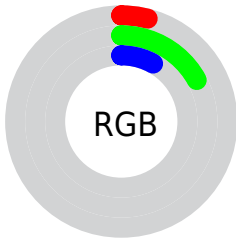
Format	Color
RYB	11, 35, 43
Decimal	731925
CIELab	14.70, -17.95, 10.94
CIElCh	15, 21.023, 148.639
Yxy	1.8530, 0.2845, 0.4636
Android (android.graphics.Color)	4278922005 (0xFF0B2B15)
YUV	30.9240, -4.8925, -17.4733
Hunter-Lab	13.6127, -8.9097, 5.1420

Details

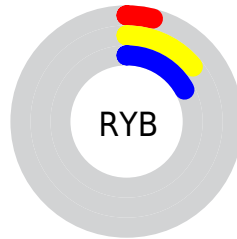
The Hex color **0B2B15** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B0B21**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **385940**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072B12**, and if you desaturate by 10%, it is **0F2B18**.

Distribution



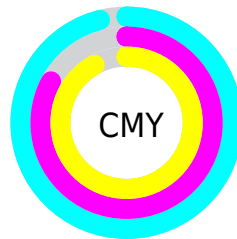
- Red (4%)
- Green (17%)
- Blue (8%)



- Red (4%)
- Yellow (14%)
- Blue (17%)



- Cyan (74%)
- Magenta (0%)
- Yellow (51%)
- Black (83%)



- Cyan (96%)
- Magenta (83%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2B15 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 0B2B15 by changing the saturation by 10% instead.

 0B2B15

 0B2B15

 F0FFF7

 001800

 385940

 000000

 507257

 698B6F

 82A689

 9DC1A3

 B8DDBE

 D3F9DA

 0B2B15

 0B2B15

■ 072B12

■ 0F2B18

■ 022B0F

■ 142B1B

■ 002B0D

■ 182B1E

■ 1C2B21

■ 212B24

■ 252B27

■ 292B2A

■ 2D2B2D

■ 322B30

Harmonies

Analogous

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



202807



0B2B15



002C24

Triad

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



0B2B15



022743



401918

Complementary

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



0B2B15



2B0B21

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.



3F1826



0B2B15



24213F

Square

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



0B2B15



002A3E



361B35



391E0A

Rectangle

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



0B2B15



002C2E



361B35



40181C

Sweetspot

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



0B2B15



2C3830



212B0B



151C17



9C9C9C



1C1C1C

Same Dimension

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



0B2B15



063816



0B2B25



121413



00541A



00D442

Inverse Universe

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



2B0B21



380628



2B0B11



141214



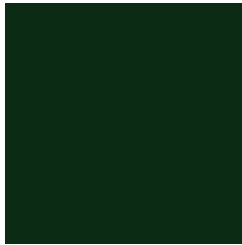
54003A



D40092

Previews

White Background



This preview shows how the Hex color 0B2B15 looks on a white background.

Color Contrast Check

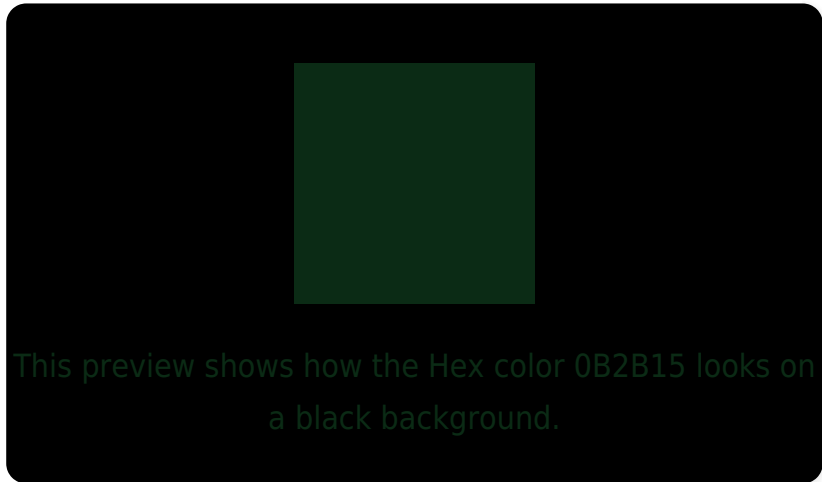
Large Text (above 18pt) WCAG AA ✓ Pass

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

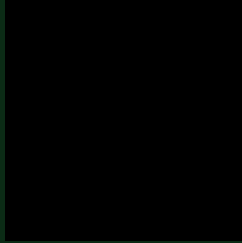
Any Text WCAG AA × Fail

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 0B2B15 Background



This preview shows how black text looks on a background with the Hex color 0B2B15.



This preview shows how white text looks on a background with the Hex color 0B2B15.

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
0B2B15

Protanopia
292513

Deuteranopia
2D2417



Tritanopia
13292C

Trichromacy



Original Color
0B2B15

Protanomaly
1E2714

Deuteranomaly
212716

Tritanomaly
102A24

Monochromacy



Original Color
0B2B15

Achromatopsia
1F1F1F

Achromatomaly
18231B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2B15 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 #0B2B15 looks like.

```
.text, #text, p{  
    color:#0B2B15  
}
```

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 #0B2B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2B15
}
```

Border

The CSS property to change the border of an element to Hex 0B2B15 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".

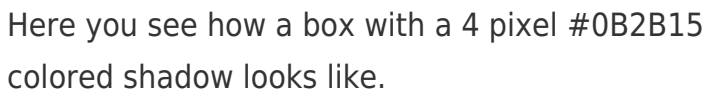
```
.border, #border, table{ border:4px solid
#0B2B15 }
```

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

```
.border{ border-color:#0B2B15 }
```

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

Here you see how a box with a 4 pixel #0B2B15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2B15; -webkit-box-shadow:4px 4px  
4px 4px #0B2B15; box-shadow:4px 4px 4px  
4px #0B2B15 }
```

Background

The CSS property to change the background color of an element to Hex 0B2B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2B15 }
```

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

```
.background{ background-color:#0B2B15 }
```

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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