

Converting Colors

Hex(0B1E0A)

Have a look what the booklet for
Hex(0B1E0A) contains.

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Color

Hex(0B1E0A)

Conversions

Conversions Part 1

Format	Color
Hex	0B1E0A
RGB	11, 30, 10
RGB Percent	4%, 12%, 4%
CMY	0.9569, 0.8824, 0.9608
CMYK	0.63, 0.00, 0.67, 0.88
HSL	117°, 50%, 8%
HSV	117°, 67%, 12%
XYZ	0.6571, 1.0216, 0.4497
YIQ	22.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

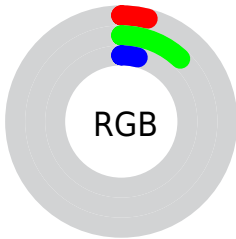
Format	Color
RYB	10, 30, 29
Decimal	728586
CIELab	9.17, -12.61, 9.38
CIELCh	9, 15.715, 143.362
Yxy	1.0216, 0.3087, 0.4800
Android (android.graphics.Color)	4278918666 (0xFF0B1E0A)
YUV	22.0390, -5.9352, -9.6812
Hunter-Lab	10.1075, -6.0840, 4.4372

Details

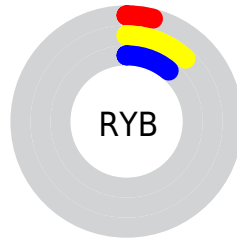
The Hex color **0B1E0A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1D0A1E**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **354A36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **081E07**, and if you desaturate by 10%, it is **0E1E0D**.

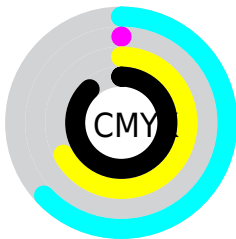
Distribution



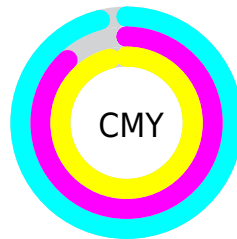
- Red (4%)
- Green (12%)
- Blue (4%)



- Red (4%)
- Yellow (12%)
- Blue (11%)



- Cyan (63%)
- Magenta (0%)
- Yellow (67%)
- Black (88%)



- Cyan (96%)
- Magenta (88%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1E0A 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 0B1E0A by changing the saturation by 10% instead.

 0B1E0A

 0B1E0A

 EAFFEA

 000000

 354A36

 4D624D

 657B65

 7E947E

 98AF98

 B3CAB2

 CEE7CE

 0B1E0A

 0B1E0A

■ 081E07

■ 0E1E0D

■ 051E04

■ 111E10

■ 021E01

■ 141E13

■ 011E00

■ 161E16

■ 191E19

■ 1C1E1C

■ 1F1E1F

■ 221E22

■ 251E25

Harmonies

Analogous

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



1A1C00



0B1E0A



001F17

Triad

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



0B1E0A



011C2F



2D1111

Complementary

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



0B1E0A



1D0A1E

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.



2C111D



0B1E0A



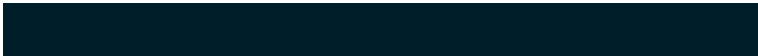
17182D

Square

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



0B1E0A



001E2A



251426



2A1403

Rectangle

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



0B1E0A



001F1E



251426



2E1115

Sweetspot

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



0B1E0A



1F261F



1E1D0A



101410



949494



141414

Same Dimension

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



0B1E0A



092608



0A1E13



0E0F0E



044F00



0ACF00

Inverse Universe

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



1D0A1E



250826



1E0A15



0F0E0F



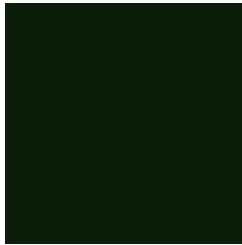
4B004F



C400CF

Previews

White Background



This preview shows how the Hex color 0B1E0A looks on a white background.

Color Contrast Check

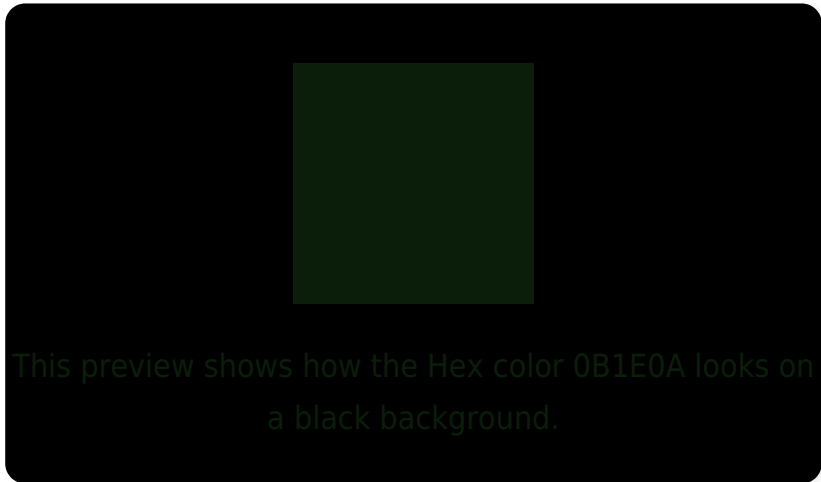
Large Text (above 18pt) WCAG AA ✓ Pass

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

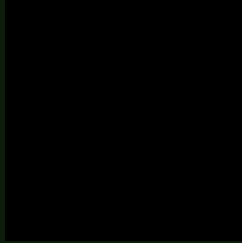
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

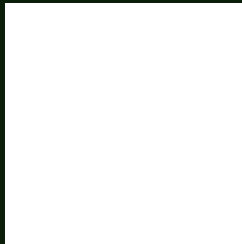
Any Text WCAG AAA × Fail

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

Hex 0B1E0A Background



This preview shows how black text looks on a background with the Hex color 0B1E0A.



This preview shows how white text looks on a background with the Hex color 0B1E0A.

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
0B1E0A

Protanopia
1D1A09

Deuteranopia
20190C

Trichromacy



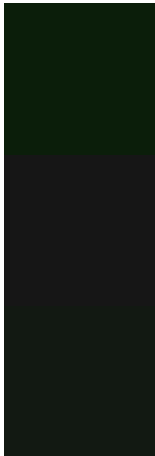
Original Color
0B1E0A

Protanomaly
161B09

Deuteranomaly
181B0B

Tritanomaly
0E1D17

Monochromacy



Original Color
0B1E0A

Achromatopsia
161616

Achromatomaly
121912

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1E0A 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 #0B1E0A looks like.

```
.text, #text, p{  
    color:#0B1E0A  
}
```

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 #0B1E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1E0A
}
```

Border

The CSS property to change the border of an element to Hex 0B1E0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

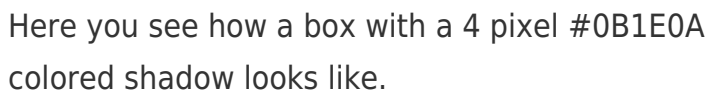
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B1E0A }
```

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

```
.border{ border-color:#0B1E0A }
```

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



Here you see how a box with a 4 pixel #0B1E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1E0A; -webkit-box-shadow:4px 4px  
4px 4px #0B1E0A; box-shadow:4px 4px 4px  
4px #0B1E0A }
```

Background

The CSS property to change the background color of an element to Hex 0B1E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1E0A }
```

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

```
.background{ background-color:#0B1E0A }
```

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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