

# Converting Colors

Hex(0B1300)

Have a look what the booklet for  
Hex(0B1300) contains.

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# Color

**Hex(0B1300)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 0B1300                   |
| RGB           | 11, 19, 0                |
| RGB Percent   | 4%, 7%, 0%               |
| CMY           | 0.9569, 0.9255, 1.0000   |
| CMYK          | 0.42, 0.00, 1.00, 0.93   |
| HSL           | 85°, 100%, 4%            |
| HSV           | 85°, 100%, 7%            |
| XYZ           | 0.3709, 0.5369, 0.0841   |
| YIQ           | 14.4420, 1.3310, -7.6050 |

# Conversions

## Conversions Part 2

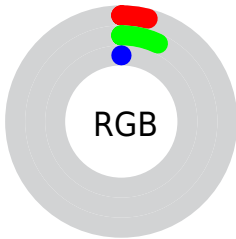
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">0, 19, 8</a>                      |
| Decimal                             | <a href="#">725760</a>                        |
| CIELab                              | <a href="#">4.85, -5.71, 7.16</a>             |
| CIELCh                              | <a href="#">5, 9.158, 128.581</a>             |
| Yxy                                 | <a href="#">0.5369, 0.3739,<br/>0.5413</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4278915840<br/>(0xFF0B1300)</a>   |
| YUV                                 | <a href="#">14.4420, -7.1199,<br/>-3.0186</a> |
| Hunter-Lab                          | <a href="#">7.3273, -3.7877,<br/>4.4487</a>   |

# Details

The Hex color **0B1300** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **080013**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **363D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B1300**, and if you desaturate by 10%, it is **0C1302**.

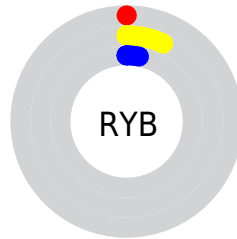
# Distribution



Red (4%)

Green (7%)

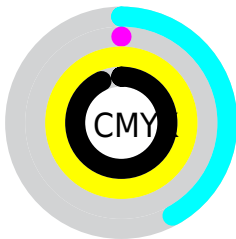
Blue (0%)



Red (0%)

Yellow (7%)

Blue (3%)

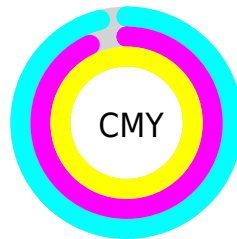


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (93%)



Cyan (96%)

Magenta (93%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0B1300 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 0B1300 by changing the saturation by 10% instead.



 0B1300

 0B1300

 EBF3E2

 000000

 363D30

 4D5446

 656D5E

 7E8677

 98A090

 B3BBAB

 CFD7C6

 0B1300

■ 0C1302

■ 0D1304

■ 0D1306

■ 0E1308

■ 0F130A

■ 10130B

■ 11130D

■ 11130F

■ 121311

# Harmonies

## Analogous

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



141100



0B1300



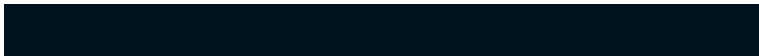
001509

# Triad

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



0B1300



00131C



1E0A0E

# Complementary

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



0B1300



080013

# 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.



1B0B16



0B1300



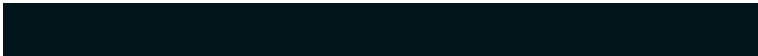
0A101D

# Square

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



0B1300



001419



150E1B



1E0C04

# Rectangle

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



0B1300



001510



150E1B



1D0B11



# Sweetspot

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



0B1300



161A12



130800



0B0D08



8C8C8C



0D0D0D



# Same Dimension

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



0B1300



0F1A00



021300



0A0A09



2B4A00



75C900



# Inverse Universe

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



080013



0B001A



110013



0A090A



1F004A

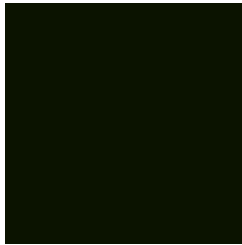


5500C9



# Previews

## White Background



This preview shows how the Hex color 0B1300 looks on a white background.

## Color Contrast Check

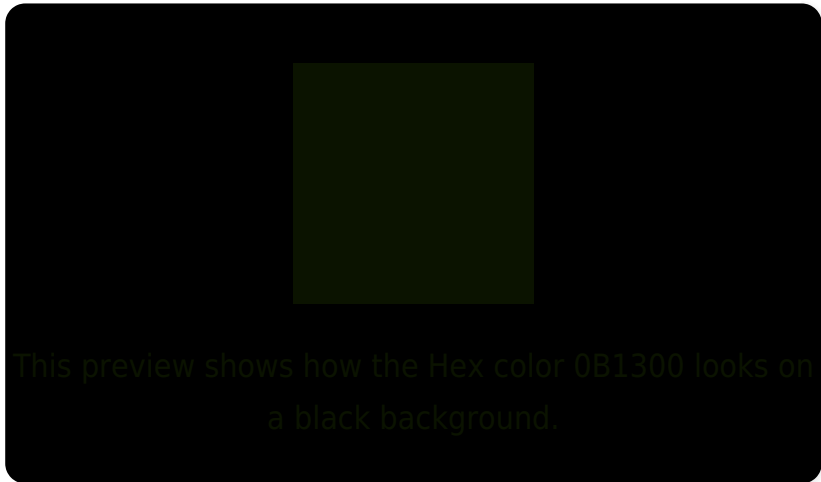
Large Text (above 18pt) WCAG AA ✓ Pass

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

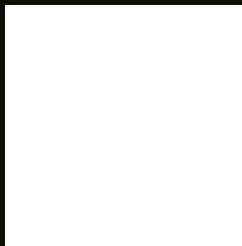
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B1300 Background



This preview shows how black text looks on a background with the Hex color 0B1300.

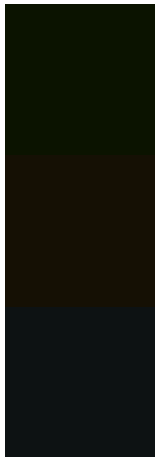


This preview shows how white text looks on a background with the Hex color 0B1300.

# 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

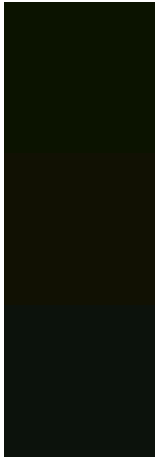


**Original Color**  
0B1300

**Deuteranopia**  
151004

**Tritanopia**  
0D1213

# Trichromacy

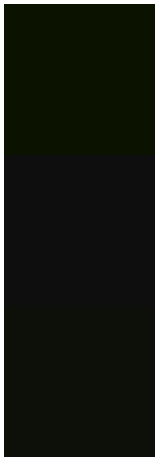


**Original Color**  
OB1300

**Deuteranomaly**  
111103

**Tritanomaly**  
0C120C

# Monochromacy



**Original Color**  
OB1300

**Achromatopsia**  
0E0E0E

**Achromatomaly**  
0D1009

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B1300 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 #0B1300 looks like.

```
.text, #text, p{  
    color:#0B1300  
}
```

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 #0B1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1300
}
```

## Border

The CSS property to change the border of an element to Hex 0B1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

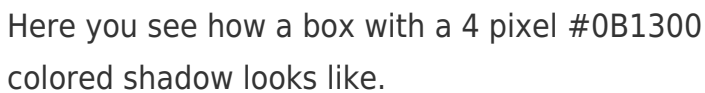
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B1300 }
```

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

```
.border{ border-color:#0B1300 }
```

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



Here you see how a box with a 4 pixel #0B1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1300; -webkit-box-shadow:4px 4px  
4px 4px #0B1300; box-shadow:4px 4px 4px  
4px #0B1300 }
```

# Background

The CSS property to change the background color of an element to Hex 0B1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1300 }
```

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

```
.background{ background-color:#0B1300 }
```

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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