

Converting Colors

Hex(0B3700)

Have a look what the booklet for
Hex(0B3700) contains.

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Color

Hex(0B3700)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0B3700 |
| RGB | 11, 55, 0 |
| RGB Percent | 4%, 22%, 0% |
| CMY | 0.9569, 0.7843, 1.0000 |
| CMYK | 0.80, 0.00, 1.00, 0.78 |
| HSL | 108°, 100%, 11% |
| HSV | 108°, 100%, 22% |
| XYZ | 1.5042, 2.8035, 0.4619 |
| YIQ | 35.5740, -8.5690, -26.4330 |

Conversions

Conversions Part 2

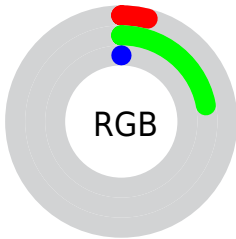
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 55, 44 |
| Decimal | 734976 |
| CIELab | 19.24, -26.36, 26.56 |
| CIELCh | 19, 37.424, 134.778 |
| Yxy | 2.8035, 0.3154, 0.5878 |
| Android (android.graphics.Color) | 4278925056 (0xFF0B3700) |
| YUV | 35.5740, -17.5380, -21.5514 |
| Hunter-Lab | 16.7437, -13.2657, 10.0852 |

Details

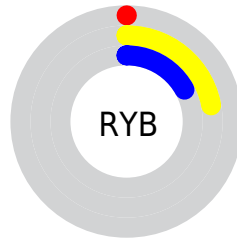
The Hex color **0B3700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0037**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3D672F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B3700**, and if you desaturate by 10%, it is **0F3705**.

Distribution



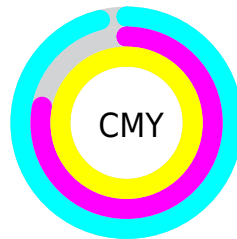
- Red (4%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (22%)
- Blue (17%)



- Cyan (80%)
- Magenta (0%)
- Yellow (100%)
- Black (78%)



- Cyan (96%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3700 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 0B3700 by changing the saturation by 10% instead.

 0B3700

 0B3700

 F8FFE4

 002200

 3D672F

 000000

 558046

 6F9A5F

 89B578

 A4D192

 BFEDAC

 DBFFC8

 0B3700

■ 0F3705

■ 14370B

■ 183711

■ 1D3716

■ 21371C

■ 253721

■ 2A3727

■ 2E372C

■ 333732

Harmonies

Analogous

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



2F3200



0B3700



003A1F

Triad

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



0B3700



003664



5E0E23

Complementary

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



0B3700



2C0037

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.



58113E



0B3700



002D64

Square

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



0B3700



003A55



402056



571B06

Rectangle

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



0B3700



003A32



402056



5E0C2C

Sweetspot

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



0B3700



364732



372C00



192417



A3A3A3



242424

Same Dimension

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



0B3700



0E4700



003711



1A1C19



125C00



2CDB00

Inverse Universe

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



2C0037



390047



370027



1B191C



49005C



AF00DB

Previews

White Background



This preview shows how the Hex color 0B3700 looks on a white background.

Color Contrast Check

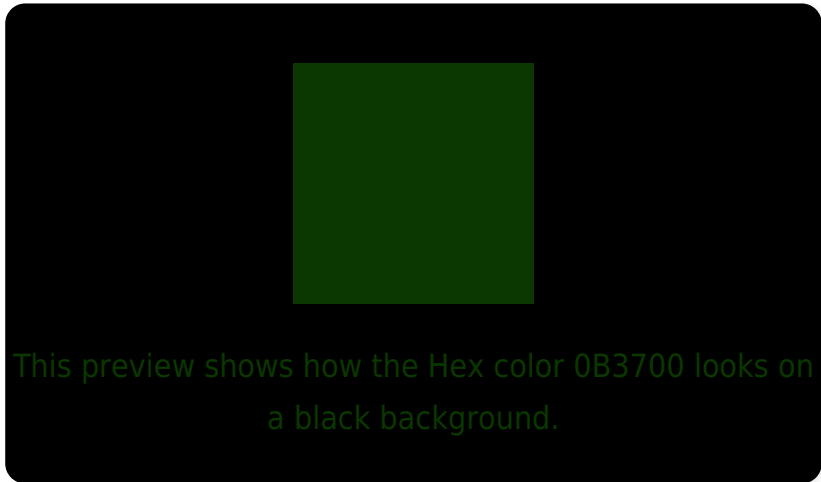
Large Text (above 18pt) WCAG AA ✓ Pass

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

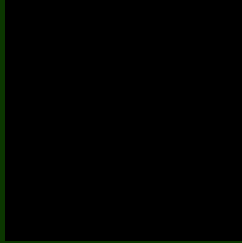
Any Text WCAG AA × Fail

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 0B3700 Background



This preview shows how black text looks on a background with the Hex color 0B3700.



This preview shows how white text looks on a background with the Hex color 0B3700.

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](#).

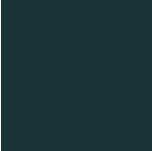
Dichromacy



Original Color
0B3700

Protanopia
352F00

Deuteranopia
3B2D0C



Tritanopia
193337

Trichromacy



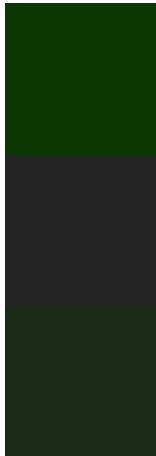
Original Color
0B3700

Protanomaly
263200

Deuteranomaly
2A3108

Tritanomaly
143423

Monochromacy



Original Color
0B3700

Achromatopsia
242424

Achromatomaly
1B2B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3700 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 #0B3700 looks like.

```
.text, #text, p{  
    color:#0B3700  
}
```

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 #0B3700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3700
}
```

Border

The CSS property to change the border of an element to Hex 0B3700 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".

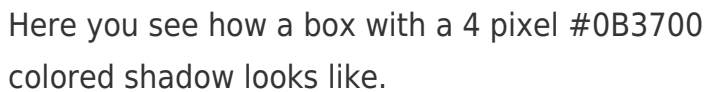
```
.border, #border, table{ border:4px solid
#0B3700 }
```

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

```
.border{ border-color:#0B3700 }
```

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

Here you see how a box with a 4 pixel #0B3700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3700; -webkit-box-shadow:4px 4px  
4px 4px #0B3700; box-shadow:4px 4px 4px  
4px #0B3700 }
```

Background

The CSS property to change the background color of an element to Hex 0B3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3700 }
```

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

```
.background{ background-color:#0B3700 }
```

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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