

Converting Colors

Hex(0B6A0B)

Have a look what the booklet for
Hex(0B6A0B) contains.

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Color

Hex(0B6A0B)

Conversions

Conversions Part 1

Format	Color
Hex	0B6A0B
RGB	11, 106, 11
RGB Percent	4%, 42%, 4%
CMY	0.9569, 0.5843, 0.9569
CMYK	0.90, 0.00, 0.90, 0.58
HSL	120°, 81%, 23%
HSV	120°, 90%, 42%
XYZ	5.3525, 10.4034, 2.0426
YIQ	66.7650, -26.1250, -49.6850

Conversions

Conversions Part 2

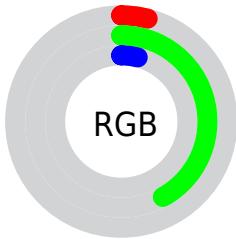
Format	Color
RYB	11, 106, 106
Decimal	748043
CIELab	38.56, -43.51, 40.92
CIELCh	39, 59.730, 136.755
Yxy	10.4034, 0.3007, 0.5845
Android (android.graphics.Color)	4278938123 (0xFF0B6A0B)
YUV	66.7650, -27.4921, -48.9059
Hunter-Lab	32.2543, -26.8237, 18.8233

Details

The Hex color **0B6A0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0B6A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4D9E40**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **006A00**, and if you desaturate by 10%, it is **166A16**.

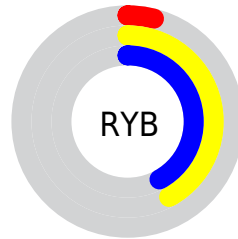
Distribution



Red (4%)

Green (42%)

Blue (4%)



Red (4%)

Yellow (42%)

Blue (42%)

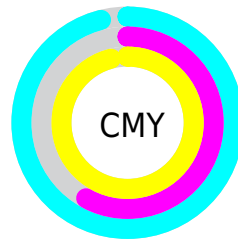


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (96%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6A0B 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 0B6A0B by changing the saturation by 10% instead.



0B6A0B



0B6A0B

FFFFFFE



005100



4D9E40



003900



69BA59



002400



85D673



000000



A1F28E



BDFFA9



DAFFC4



F7FFE1



0B6A0B



0B6A0B

■ 006A00

■ 166A16

■ 206A20

■ 2B6A2B

■ 356A35

■ 406A40

■ 4B6A4B

■ 556A55

■ 606A60

■ 6A6A6A

Harmonies

Analogous

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



556100



0B6A0B



006E43

Triad

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



0B6A0B



0067BA



AE1F42

Complementary

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



0B6A0B



6A0B6A

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.



A52272



0B6A0B



0457B9

Square

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



0B6A0B



006EA1



7D3F9E



A03912

Rectangle

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



0B6A0B



007065



7D3F9E



AE1B52

Sweetspot

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



0B6A0B



658A65



6A6A0B



2F452F



C4C4C4



454545

Same Dimension

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



0B6A0B



008A00



0B6A3B



303630



007500



00F500

Inverse Universe

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



6A0B6A



8A008A



6A0B3B



363036



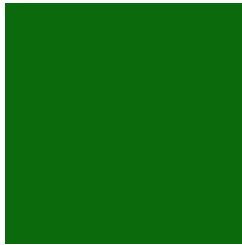
750075



F500F5

Previews

White Background



This preview shows how the Hex color 0B6A0B looks on a white background.

Color Contrast Check

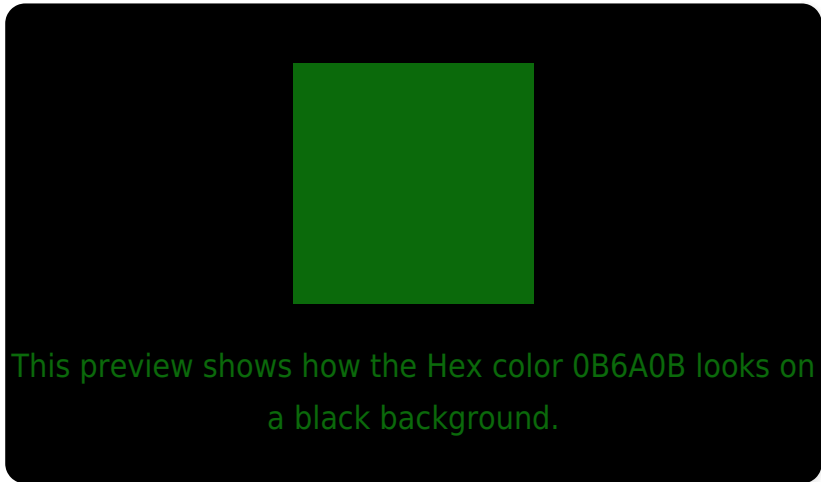
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0B6A0B Background



This preview shows how black text looks on a background with the Hex color 0B6A0B.



This preview shows how white text looks on a background with the Hex color 0B6A0B.

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
0B6A0B

Protanopia
665B03

Deuteranopia
725619



Tritanopia
2D636B

Trichromacy



Original Color
0B6A0B



Protanomaly
456006



Deuteranomaly
4D5D14

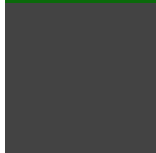


Tritanomaly
216648

Monochromacy



Original Color
0B6A0B



Achromatopsia
434343



Achromatomaly
2F512F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6A0B 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 #0B6A0B looks like.

```
.text, #text, p{  
    color:#0B6A0B  
}
```

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 #0B6A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6A0B
}
```

Border

The CSS property to change the border of an element to Hex 0B6A0B 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".

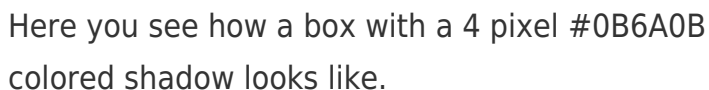
```
.border, #border, table{ border:4px solid
#0B6A0B }
```

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

```
.border{ border-color:#0B6A0B }
```

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

Here you see how a box with a 4 pixel #0B6A0B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6A0B; -webkit-box-shadow:4px 4px  
4px 4px #0B6A0B; box-shadow:4px 4px 4px  
4px #0B6A0B }
```

Background

The CSS property to change the background color of an element to Hex 0B6A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6A0B }
```

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

```
.background{ background-color:#0B6A0B }
```

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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