

Converting Colors

Hex(0B6C13)

Have a look what the booklet for
Hex(0B6C13) contains.

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Color

Hex(0B6C13)

Conversions

Conversions Part 1

Format	Color
Hex	0B6C13
RGB	11, 108, 19
RGB Percent	4%, 42%, 7%
CMY	0.9569, 0.5765, 0.9255
CMYK	0.90, 0.00, 0.82, 0.58
HSL	125°, 82%, 23%
HSV	125°, 90%, 42%
XYZ	5.6181, 10.8433, 2.4130
YIQ	68.8510, -29.2430, -48.2430

Conversions

Conversions Part 2

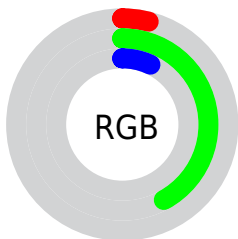
Format	Color
R_{YB}	11, 101, 108
Decimal	748563
CIE _{Lab}	39.32, -43.66, 39.19
CIE _{LCh}	39, 58.671, 138.084
Yxy	10.8433, 0.2977, 0.5745
Android (android.graphics.Color)	4278938643 (0xFF0B6C13)
YUV	68.8510, -24.5765, -50.7353
Hunter-Lab	32.9291, -27.1717, 18.7058

Details

The Hex color **0B6C13** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6C0B64**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4EA146**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **006C09**, and if you desaturate by 10%, it is **166C1D**.

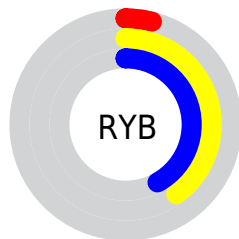
Distribution



Red (4%)

Green (42%)

Blue (7%)



Red (4%)

Yellow (40%)

Blue (42%)

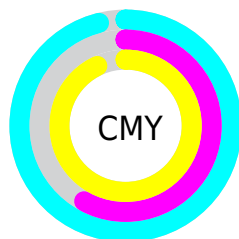


Cyan (90%)

Magenta (0%)

Yellow (82%)

Black (58%)



Cyan (96%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6C13 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 0B6C13 by changing the saturation by 10% instead.

 0B6C13

 0B6C13

FFFFFF

 005300

 4EA146

 003B00

 69BC5F

 002600

 85D879

 000000

 A1F593

 BDFFAE

 DAFFCA

 F8FFE6

 0B6C13

 0B6C13

■ 006C09

■ 166C1D

■ 216C27

■ 2B6C31

■ 366C3B

■ 416C45

■ 4C6C4E

■ 576C58

■ 616C62

■ 6C6C6C

Harmonies

Analogous

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



566300



0B6C13



007047

Triad

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



0B6C13



0068BB



AF2542

Complementary

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



0B6C13



6C0B64

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.



A72672



0B6C13



2158B8

Square

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



0B6C13



006FA3



81409D



A03D14

Rectangle

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



0B6C13



007169



81409D



AF2152

Sweetspot

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



0B6C13



668C6A



666C0B



314732



C7C7C7



474747

Same Dimension

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



0B6C13



008C0C



0B6C42



303631



00750A



00F514

Inverse Universe

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



6C0B64



8C0081



6C0B35



363035



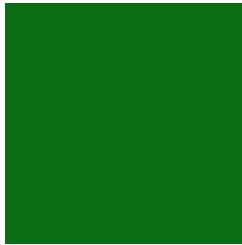
75006C



F500E1

Previews

White Background



This preview shows how the Hex color 0B6C13 looks on a white background.

Color Contrast Check

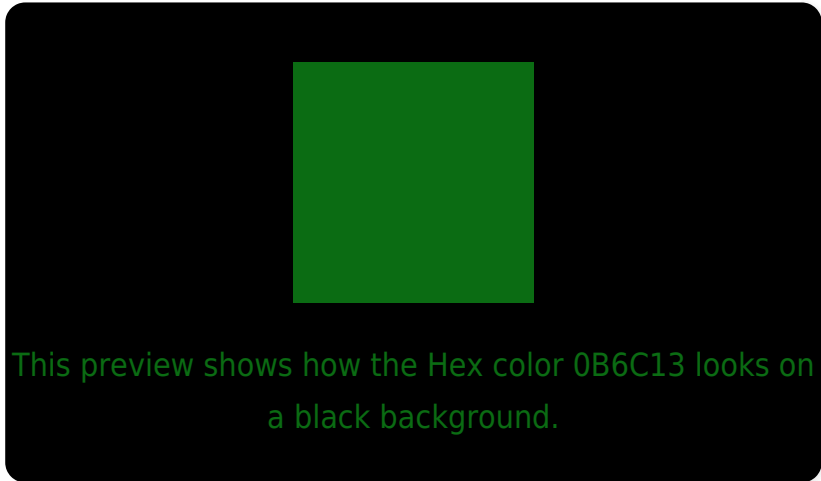
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B6C13 Background



This preview shows how black text looks on a background with the Hex color 0B6C13.



This preview shows how white text looks on a background with the Hex color 0B6C13.

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
0B6C13

Protanopia
685D0F

Deuteranopia
74581D



Tritanopia
2E656D

Trichromacy



Original Color
0B6C13



Protanomaly
466210



Deuteranomaly
4E5F19



Tritanomaly
21684C

Monochromacy



Original Color
0B6C13



Achromatopsia
454545



Achromatomaly
305333

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6C13 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 #0B6C13 looks like.

```
.text, #text, p{  
    color:#0B6C13  
}
```

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 #0B6C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6C13
}
```

Border

The CSS property to change the border of an element to Hex 0B6C13 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".

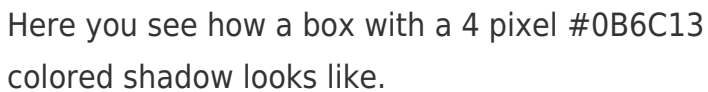
```
.border, #border, table{ border:4px solid
#0B6C13 }
```

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

```
.border{ border-color:#0B6C13 }
```

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

Here you see how a box with a 4 pixel #0B6C13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6C13; -webkit-box-shadow:4px 4px  
4px 4px #0B6C13; box-shadow:4px 4px 4px  
4px #0B6C13 }
```

Background

The CSS property to change the background color of an element to Hex 0B6C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6C13 }
```

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

```
.background{ background-color:#0B6C13 }
```

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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