

Converting Colors

Hex(0B6E28)

Have a look what the booklet for
Hex(0B6E28) contains.

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Color

Hex(0B6E28)

Conversions

Conversions Part 1

Format	Color
Hex	0B6E28
RGB	11, 110, 40
RGB Percent	4%, 43%, 16%
CMY	0.9569, 0.5686, 0.8431
CMYK	0.90, 0.00, 0.64, 0.57
HSL	138°, 82%, 24%
HSV	138°, 90%, 43%
XYZ	6.0969, 11.3762, 3.8820
YIQ	72.4190, -36.5340, -42.7580

Conversions

Conversions Part 2

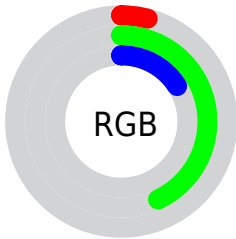
Format	Color
RYB	11, 88, 110
Decimal	749096
CIELab	40.21, -42.12, 31.08
CIElCh	40, 52.347, 143.573
Yxy	11.3762, 0.2855, 0.5327
Android (android.graphics.Color)	4278939176 (0xFF0B6E28)
YUV	72.4190, -15.9826, -53.8645
Hunter-Lab	33.7286, -26.7586, 16.7861

Details

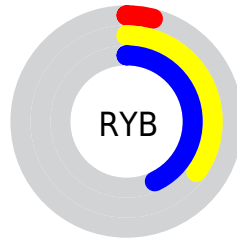
The Hex color **0B6E28** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E0B51**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4DA358**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **006E20**, and if you desaturate by 10%, it is **166E30**.

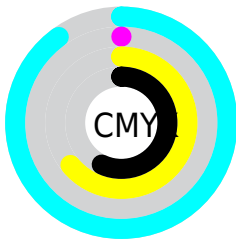
Distribution



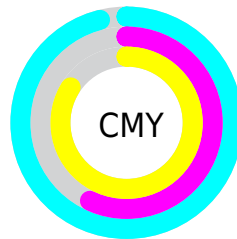
- Red (4%)
- Green (43%)
- Blue (16%)



- Red (4%)
- Yellow (35%)
- Blue (43%)



- Cyan (90%)
- Magenta (0%)
- Yellow (64%)
- Black (57%)



- Cyan (96%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6E28 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 0B6E28 by changing the saturation by 10% instead.



0B6E28



0B6E28

FFFFFF



005510



4DA358



003D00



69BE71



002800



84DA8B



000100



A0F7A6



000000



BCFFC1



D9FFDD



F6FFFA



0B6E28



0B6E28

■ 006E20

■ 166E30

■ 216E38

■ 2C6E3F

■ 376E47

■ 426E4F

■ 4D6E57

■ 586E5E

■ 636E66

■ 6E6E6E

Harmonies

Analogous

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



526600



0B6E28



007254

Triad

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



0B6E28



0067B4



A9353F

Complementary

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



0B6E28



6E0B51

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.



A6326A



0B6E28



4A57AE

Square

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



0B6E28



006FA3



894392



994718

Rectangle

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



0B6E28



007272



894392



AB314D

Sweetspot

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



0B6E28



688F74



526E0B



314737



C7C7C7



474747

Same Dimension

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



0B6E28



008F2A



0B6E59



323834



007823



00F748

Inverse Universe

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



6E0B51



8F0065



6E0B20



383236



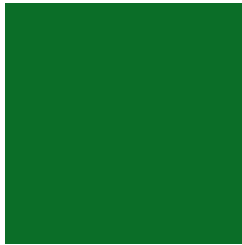
780055



F700AF

Previews

White Background



This preview shows how the Hex color 0B6E28 looks on a white background.

Color Contrast Check

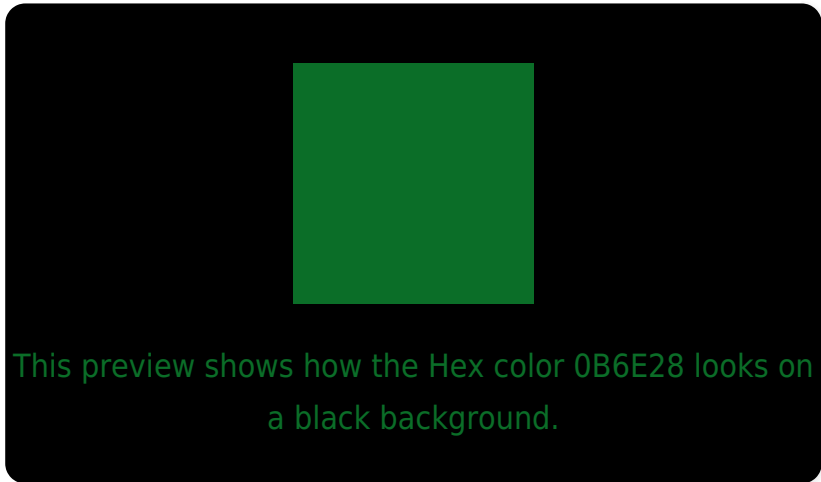
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B6E28 Background



This preview shows how black text looks on a background with the Hex color 0B6E28.



This preview shows how white text looks on a background with the Hex color 0B6E28.

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
0B6E28

Protanopia
695F24

Deuteranopia
745A2E



Tritanopia
2D676F

Trichromacy



Original Color
0B6E28



Protanomaly
476425



Deuteranomaly
4E612C

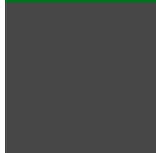


Tritanomaly
216A55

Monochromacy



Original Color
0B6E28



Achromatopsia
484848



Achromatomaly
32563C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6E28 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 #0B6E28 looks like.

```
.text, #text, p{  
    color:#0B6E28  
}
```

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 #0B6E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6E28
}
```

Border

The CSS property to change the border of an element to Hex 0B6E28 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
#0B6E28 }
```

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

```
.border{ border-color:#0B6E28 }
```

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

Here you see how a box with a 4 pixel #0B6E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6E28; -webkit-box-shadow:4px 4px  
4px 4px #0B6E28; box-shadow:4px 4px 4px  
4px #0B6E28 }
```

Background

The CSS property to change the background color of an element to Hex 0B6E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6E28 }
```

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

```
.background{ background-color:#0B6E28 }
```

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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