

# Converting Colors

Hex(0B6D24)

Have a look what the booklet for  
Hex(0B6D24) contains.

<b>Hex(0B6D24)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0B6D24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B6D24
RGB	11, 109, 36
RGB Percent	4%, 43%, 14%
CMY	0.9569, 0.5725, 0.8588
CMYK	0.90, 0.00, 0.67, 0.57
HSL	135°, 82%, 24%
HSV	135°, 90%, 43%
XYZ	5.9251, 11.1358, 3.5062
YIQ	71.3760, -34.9750, -43.4790

# Conversions

## Conversions Part 2

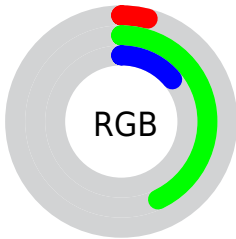
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 89, 109
Decimal	748836
CIELab	39.81, -42.30, 32.59
CIELCh	40, 53.399, 142.385
Yxy	11.1358, 0.2881, 0.5414
Android (android.graphics.Color)	4278938916 (0xFF0B6D24)
YUV	71.3760, -17.4404, -52.9498
Hunter-Lab	33.3703, -26.7045, 17.1297

# Details

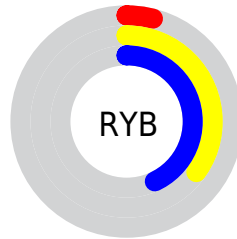
The Hex color **0B6D24** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6D0B54**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4DA254**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **006D1C**, and if you desaturate by 10%, it is **166D2C**.

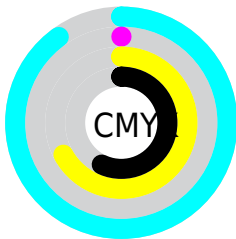
# Distribution



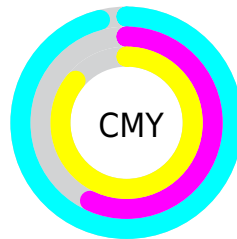
- Red (4%)
- Green (43%)
- Blue (14%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (67%)
- Black (57%)



- Cyan (96%)
- Magenta (57%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B6D24 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 0B6D24 by changing the saturation by 10% instead.



 0B6D24

 0B6D24

FFFFFF

 00540B

 4DA254

 003C00

 68BD6D

 002700

 84D987

 000000

 A0F6A2

 BCFFBD

 D9FFD9

 F6FFF6

 0B6D24

 0B6D24

■ 006D1C

■ 166D2C

■ 216D34

■ 2C6D3C

■ 376D44

■ 426D4D

■ 4C6D55

■ 576D5D

■ 626D65

■ 6D6D6D

# Harmonies

## Analogous

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



526500



0B6D24



007151

# Triad

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



0B6D24



0066B5



AA323F

# Complementary

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



0B6D24



6D0B54

# 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.



A52F6B



0B6D24



4357AF

# Square

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



0B6D24



006FA2



874294



994517

# Rectangle

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



0B6D24



00716F



874294



AB2E4E



# Sweetspot

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



0B6D24



688F72



556D0B



314736



C7C7C7



474747



# Same Dimension

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



0B6D24



008F24



0B6D55



303632



00751E



00F53E



# Inverse Universe

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



6D0B54



8F006A



6D0B24



363034



750057



F500B6



# Previews

## White Background



This preview shows how the Hex color 0B6D24 looks on a white background.

## Color Contrast Check

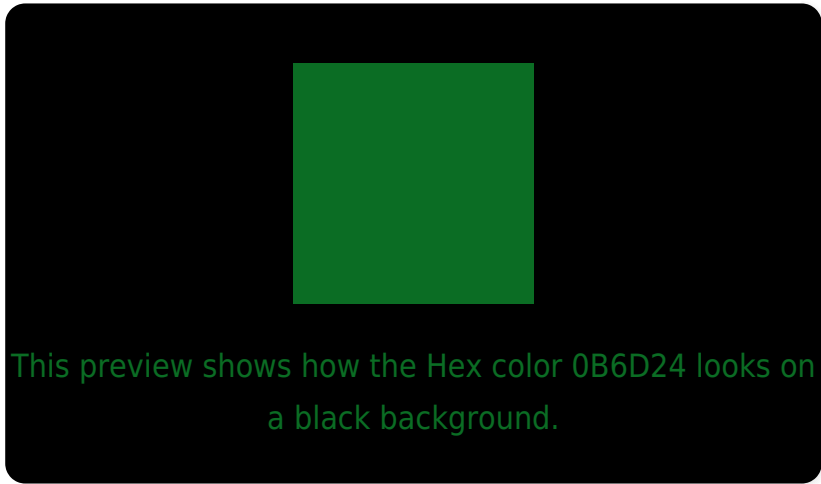
Large Text (above 18pt) WCAG AA ✓ Pass

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

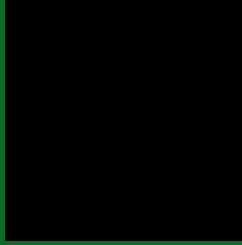
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B6D24 Background



This preview shows how black text looks on a background with the Hex color 0B6D24.



This preview shows how white text looks on a background with the Hex color 0B6D24.

# 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**  
0B6D24

**Protanopia**  
695E20

**Deuteranopia**  
74592B



**Tritanopia**  
2D666E

# Trichromacy



**Original Color**  
0B6D24



**Protanomaly**  
476321



**Deuteranomaly**  
4E6028



**Tritanomaly**  
216953

# Monochromacy



**Original Color**  
0B6D24



**Achromatopsia**  
474747



**Achromatomaly**  
31553A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B6D24 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 #0B6D24 looks like.

```
.text, #text, p{  
    color:#0B6D24  
}
```

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 #0B6D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6D24
}
```

## Border

The CSS property to change the border of an element to Hex 0B6D24 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
#0B6D24 }
```

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

```
.border{ border-color:#0B6D24 }
```

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

Here you see how a box with a 4 pixel #0B6D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6D24; -webkit-box-shadow:4px 4px  
4px 4px #0B6D24; box-shadow:4px 4px 4px  
4px #0B6D24 }
```

# Background

The CSS property to change the background color of an element to Hex 0B6D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6D24 }
```

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

```
.background{ background-color:#0B6D24 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor