

Converting Colors

Hex(0B6018)

Have a look what the booklet for
Hex(0B6018) contains.

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Color

Hex(0B6018)

Conversions

Conversions Part 1

Format	Color
Hex	0B6018
RGB	11, 96, 24
RGB Percent	4%, 38%, 9%
CMY	0.9569, 0.6235, 0.9059
CMYK	0.89, 0.00, 0.75, 0.62
HSL	129°, 79%, 21%
HSV	129°, 89%, 38%
XYZ	4.4858, 8.5028, 2.2689
YIQ	62.3770, -27.5480, -40.4120

Conversions

Conversions Part 2

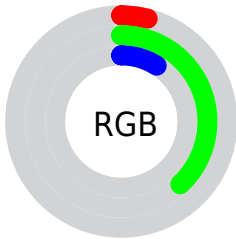
Format	Color
RYB	11, 85, 96
Decimal	745496
CIELab	35.01, -39.18, 32.91
CIELCh	35, 51.164, 139.968
Yxy	8.5028, 0.2940, 0.5573
Android (android.graphics.Color)	4278935576 (0xFF0B6018)
YUV	62.3770, -18.9199, -45.0576
Hunter-Lab	29.1596, -23.5699, 15.7983

Details

The Hex color **0B6018** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **600B53**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **499448**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **016010**, and if you desaturate by 10%, it is **156020**.

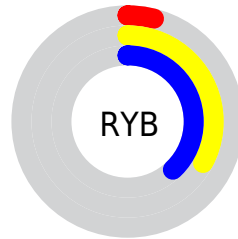
Distribution



Red (4%)

Green (38%)

Blue (9%)



Red (4%)

Yellow (33%)

Blue (38%)

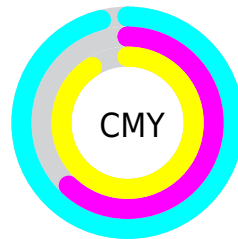


Cyan (89%)

Magenta (0%)

Yellow (75%)

Black (62%)



Cyan (96%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6018 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 0B6018 by changing the saturation by 10% instead.

 0B6018

 0B6018

FFFFFF

 004800

 499448

 003000

 64AF60

 001A00

 7FCA7A

 000000

 9BE794

 B7FFAF

 D3FFCB

 F0FFE7

 0B6018

 0B6018

■ 016010

■ 156020

■ 00600F

■ 1E6028

■ 286030

■ 316039

■ 3B6041

■ 456049

■ 4E6051

■ 586059

■ 616061

Harmonies

Analogous

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



4A5900



0B6018



006443

Triad

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



0B6018



005BA3



992639

Complementary

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



0B6018



600B53

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.



942662



0B6018



2F4EA0

Square

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



0B6018



006290



753987



8B3912

Rectangle

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



0B6018



00645F



753987



9A2347

Sweetspot

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



0B6018



5B7D60



53600B



2B402E



BFBFBF



404040

Same Dimension

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



0B6018



007D13



0B6042



2C302C



007011



00F025

Inverse Universe

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



600B53



7D006A



600B29



302C30



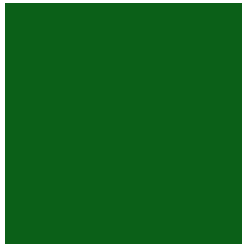
70005F



F000CB

Previews

White Background



This preview shows how the Hex color 0B6018 looks on a white background.

Color Contrast Check

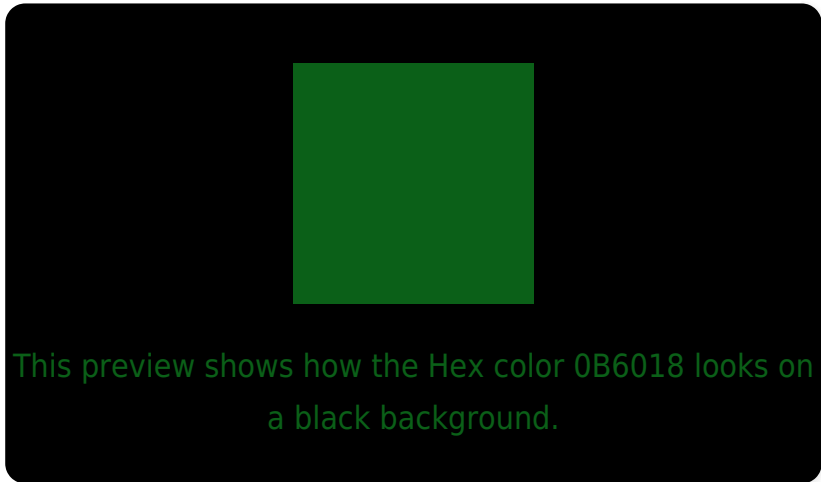
Large Text (above 18pt) WCAG AA ✓ Pass

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

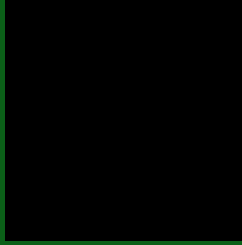
Any Text WCAG AA × Fail

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 0B6018 Background



This preview shows how black text looks on a background with the Hex color 0B6018.



This preview shows how white text looks on a background with the Hex color 0B6018.

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](#).

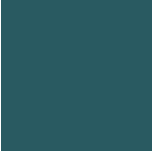
Dichromacy



Original Color
0B6018

Protanopia
5C5215

Deuteranopia
664E1F



Tritanopia
295A61

Trichromacy



Original Color
0B6018



Protanomaly
3F5716



Deuteranomaly
45551C



Tritanomaly
1E5C46

Monochromacy



Original Color
0B6018



Achromatopsia
3E3E3E



Achromatomaly
2B4A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6018 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 #0B6018 looks like.

```
.text, #text, p{  
    color:#0B6018  
}
```

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 #0B6018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6018
}
```

Border

The CSS property to change the border of an element to Hex 0B6018 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
#0B6018 }
```

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

```
.border{ border-color:#0B6018 }
```

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

Here you see how a box with a 4 pixel #0B6018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6018; -webkit-box-shadow:4px 4px  
4px 4px #0B6018; box-shadow:4px 4px 4px  
4px #0B6018 }
```

Background

The CSS property to change the background color of an element to Hex 0B6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6018 }
```

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

```
.background{ background-color:#0B6018 }
```

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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