

Converting Colors

Hex(0B4F38)

Have a look what the booklet for
Hex(0B4F38) contains.

Hex(0B4F38)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(0B4F38)

Conversions

Conversions Part 1

Format	Color
Hex	0B4F38
RGB	11, 79, 56
RGB Percent	4%, 31%, 22%
CMY	0.9569, 0.6902, 0.7804
CMYK	0.86, 0.00, 0.29, 0.69
HSL	160°, 76%, 18%
HSV	160°, 86%, 31%
XYZ	3.6478, 5.9486, 4.6973
YIQ	56.0460, -33.1450, -21.5690

Conversions

Conversions Part 2

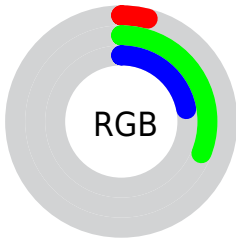
Format	Color
R_{YB}	11, 52, 79
Decimal	741176
CIE Lab	29.28, -26.53, 7.93
CIE LCh	29, 27.687, 163.359
Yxy	5.9486, 0.2552, 0.4162
Android (android.graphics.Color)	4278931256 (0xFF0B4F38)
YUV	56.0460, -0.0227, -39.5053
Hunter-Lab	24.3898, -15.9853, 5.6540

Details

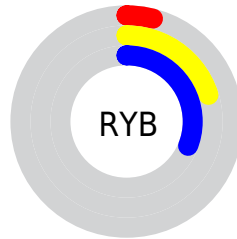
The Hex color **0B4F38** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F0B22**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **438167**, and **00230D** is the 20% darker color. If you saturate the color by 10%, you get **034F35**, and if you desaturate by 10%, it is **134F3B**.

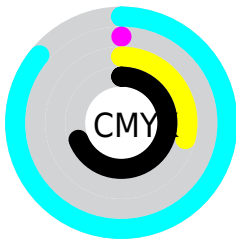
Distribution



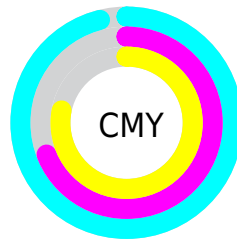
- Red (4%)
- Green (31%)
- Blue (22%)



- Red (4%)
- Yellow (20%)
- Blue (31%)



- Cyan (86%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)



- Cyan (96%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4F38 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 0B4F38 by changing the saturation by 10% instead.

 0B4F38

 0B4F38

FFFFFF

 003822

 438167

 00230D

 5D9B80

 000000

 77B69A

 92D2B5

 ADEED0

 C9FFED

 E6FFFF

 0B4F38

 0B4F38

■ 034F35

■ 134F3B

■ 004F34

■ 1B4F3D

■ 234F40

■ 2B4F43

■ 334F45

■ 3A4F48

■ 424F4B

■ 4A4F4D

■ 524F50

Harmonies

Analogous

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



304C25



0B4F38



00504E

Triad

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



0B4F38



32446F



693829

Complementary

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



0B4F38



4F0B22

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.



6D333C



0B4F38



533C64

Square

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



0B4F38



004B6E



663452



5B401B

Rectangle

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



0B4F38



004F5C



663452



6B362F

Sweetspot

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



0B4F38



4B665D



234F0B



23332E



B3B3B3



333333

Same Dimension

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



0B4F38



006643



0B454F



222625



00E698

Inverse Universe

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



4F0B22



660022



4F150B



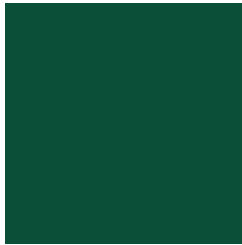
262224



E6004E

Previews

White Background



This preview shows how the Hex color 0B4F38 looks on a white background.

Color Contrast Check

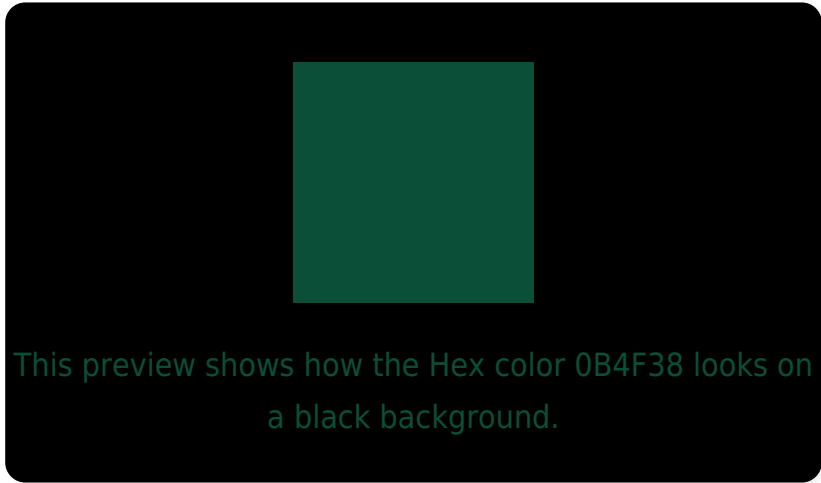
Large Text (above 18pt) WCAG AA ✓ Pass

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

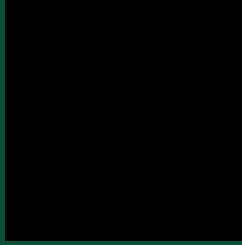
Any Text WCAG AA × Fail

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 0B4F38 Background



This preview shows how black text looks on a background with the Hex color 0B4F38.



This preview shows how white text looks on a background with the Hex color 0B4F38.

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
0B4F38

Protanopia
4A4533

Deuteranopia
4F423B

Trichromacy



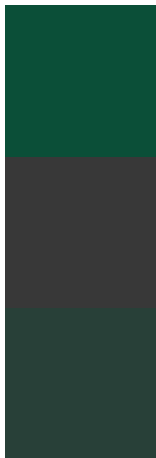
Original Color
0B4F38

Protanomaly
334935

Deuteranomaly
36473A

Tritanomaly
164D49

Monochromacy



Original Color
0B4F38

Achromatopsia
383838

Achromatomaly
284038

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4F38 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 #0B4F38 looks like.

```
.text, #text, p{  
    color:#0B4F38  
}
```

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 #0B4F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4F38
}
```

Border

The CSS property to change the border of an element to Hex 0B4F38 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
#0B4F38 }
```

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

```
.border{ border-color:#0B4F38 }
```

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

Here you see how a box with a 4 pixel #0B4F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4F38; -webkit-box-shadow:4px 4px  
4px 4px #0B4F38; box-shadow:4px 4px 4px  
4px #0B4F38 }
```

Background

The CSS property to change the background color of an element to Hex 0B4F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4F38 }
```

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

```
.background{ background-color:#0B4F38 }
```

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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