

Converting Colors

Hex(0B6A46)

Have a look what the booklet for
Hex(0B6A46) contains.

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Color

Hex(0B6A46)

Conversions

Conversions Part 1

Format	Color
Hex	0B6A46
RGB	11, 106, 70
RGB Percent	4%, 42%, 27%
CMY	0.9569, 0.5843, 0.7255
CMYK	0.90, 0.00, 0.34, 0.58
HSL	157°, 81%, 23%
HSV	157°, 90%, 42%
XYZ	6.3975, 10.8214, 7.5459
YIQ	73.4910, -45.0640, -31.3360

Conversions

Conversions Part 2

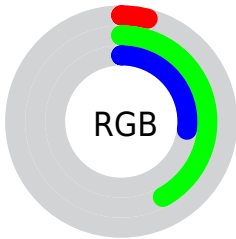
Format	Color
RYB	11, 70, 106
Decimal	748102
CIELab	39.28, -34.88, 13.16
CIELCh	39, 37.277, 159.334
Yxy	10.8214, 0.2583, 0.4370
Android (android.graphics.Color)	4278938182 (0xFF0B6A46)
YUV	73.4910, -1.7211, -54.8046
Hunter-Lab	32.8959, -22.8535, 9.4268

Details

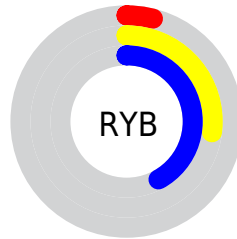
The Hex color **0B6A46** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A0B2F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4B9E76**, and **00391A** is the 20% darker color. If you saturate the color by 10%, you get **006A42**, and if you desaturate by 10%, it is **166A4A**.

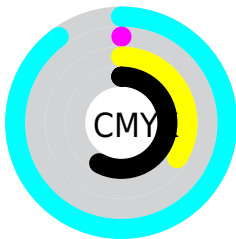
Distribution



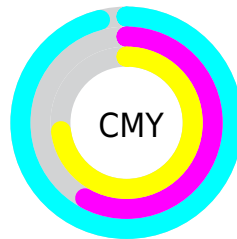
- Red (4%)
- Green (42%)
- Blue (27%)



- Red (4%)
- Yellow (27%)
- Blue (42%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6A46 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 0B6A46 by changing the saturation by 10% instead.

 0B6A46

 0B6A46

FFFFFF

 00512F

 4B9E76

 00391A

 66B990

 002500

 82D5AB

 000000

 9DF2C6

 B9FFE2

 D6FFFF

 F3FFFF

 0B6A46

 0B6A46

■ 006A42

■ 166A4A

■ 206A4E

■ 2B6A52

■ 356A56

■ 406A5A

■ 4B6A5E

■ 556A62

■ 606A66

■ 6A6A6A

Harmonies

Analogous

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



44662B



0B6A46



006C65

Triad

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



0B6A46



365D98



904838

Complementary

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



0B6A46



6A0B2F

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.



944254



0B6A46



6B518C

Square

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



0B6A46



006595



894573



7E5323

Rectangle

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



0B6A46



006B79



894573



934541

Sweetspot

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



0B6A46



658A7C



2F6A0B



2F453D



C4C4C4



454545

Same Dimension

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



0B6A46



008A56



0B5F6A



303634



007549



00F598

Inverse Universe

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



6A0B2F



8A0034



6A160B



363032



75002C



F5005D

Previews

White Background



This preview shows how the Hex color 0B6A46 looks on a white background.

Color Contrast Check

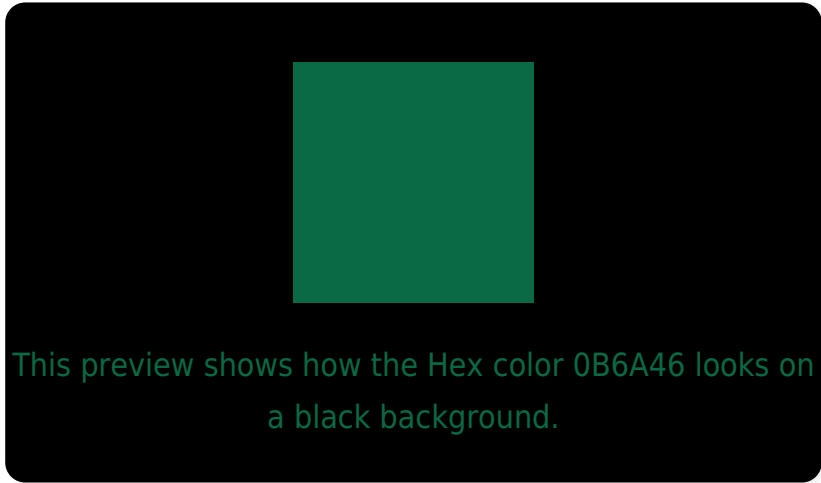
Large Text (above 18pt) WCAG AA ✓ Pass

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

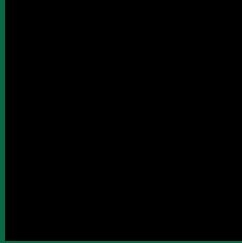
Any Text WCAG AA × Fail

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 0B6A46 Background



This preview shows how black text looks on a background with the Hex color 0B6A46.

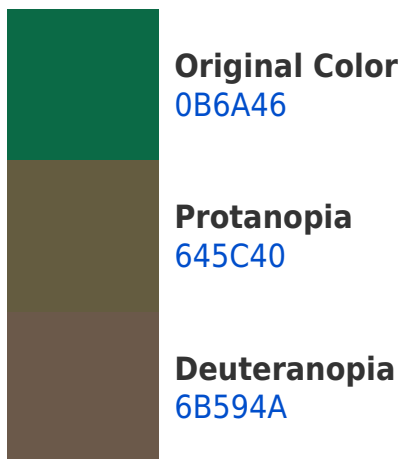



This preview shows how white text looks on a background with the Hex color 0B6A46.

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





Tritanopia
26656D

Trichromacy



Original Color
0B6A46

Protanomaly
446142

Deuteranomaly
485F49

Tritanomaly
1C675F

Monochromacy



Original Color
0B6A46

Achromatopsia
494949

Achromatomaly
325548

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6A46 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 #0B6A46 looks like.

```
.text, #text, p{  
    color:#0B6A46  
}
```

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 #0B6A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6A46
}
```

Border

The CSS property to change the border of an element to Hex 0B6A46 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
#0B6A46 }
```

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

```
.border{ border-color:#0B6A46 }
```

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

Here you see how a box with a 4 pixel #0B6A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6A46; -webkit-box-shadow:4px 4px  
4px 4px #0B6A46; box-shadow:4px 4px 4px  
4px #0B6A46 }
```

Background

The CSS property to change the background color of an element to Hex 0B6A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6A46 }
```

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

```
.background{ background-color:#0B6A46 }
```

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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