

Converting Colors

Hex(0B7A3E)

Have a look what the booklet for
Hex(0B7A3E) contains.

Hex(0B7A3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B7A3E)

Conversions

Conversions Part 1

Format	Color
Hex	0B7A3E
RGB	11, 122, 62
RGB Percent	4%, 48%, 24%
CMY	0.9569, 0.5216, 0.7569
CMYK	0.91, 0.00, 0.49, 0.52
HSL	148°, 83%, 26%
HSV	148°, 91%, 48%
XYZ	7.9670, 14.3380, 6.9050
YIQ	81.9710, -46.8960, -42.1920

Conversions

Conversions Part 2

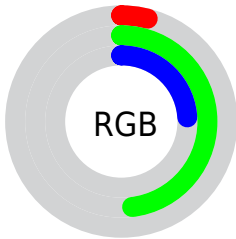
Format	Color
RYB	11, 87, 122
Decimal	752190
CIELab	44.71, -42.88, 24.92
CIELCh	45, 49.593, 149.832
Yxy	14.3380, 0.2727, 0.4909
Android (android.graphics.Color)	4278942270 (0xFF0B7A3E)
YUV	81.9710, -9.8457, -62.2416
Hunter-Lab	37.8656, -28.7077, 15.6940

Details

The Hex color **0B7A3E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0B47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50AF6F**, and **004811** is the 20% darker color. If you saturate the color by 10%, you get **007A38**, and if you desaturate by 10%, it is **177A45**.

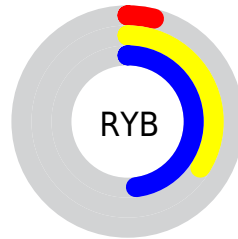
Distribution



 Red (4%)

 Green (48%)

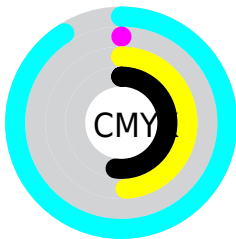
 Blue (24%)




 Red (4%)

 Yellow (34%)

 Blue (48%)

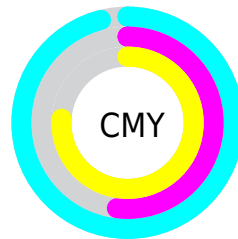



 Cyan (91%)


 Magenta (0%)

 Yellow (49%)

 Black (52%)



 Cyan (96%)

 Magenta (52%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7A3E 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 0B7A3E by changing the saturation by 10% instead.

 0B7A3E

 0B7A3E

FFFFFF

 006027

 50AF6F

 004811

 6CCB88

 003000

 88E8A3

 001900

 A4FFBE

 000000

 C1FFDA

 DEFFF7

 FBFFFF

 0B7A3E

 0B7A3E

■ 007A38

■ 177A45

■ 237A4B

■ 307A52

■ 3C7A58

■ 487A5F

■ 547A66

■ 607A6C

■ 6D7A73

■ 797A79

Harmonies

Analogous

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



55731A



0B7A3E



007D68

Triad

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



0B7A3E



006FBD



B14743

Complementary

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



0B7A3E



7A0B47

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.



B2416C



0B7A3E



685FB2

Square

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



0B7A3E



0078B1



9B4C94



9E5820

Rectangle

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



0B7A3E



007D85



9B4C94



B44350

Sweetspot

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



0B7A3E



739E87



487A0B



364F41



CFCFCF



4F4F4F

Same Dimension

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



0B7A3E



009E49



0B7A74



373D3A



007D39



00FC74

Inverse Universe

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



7A0B47



9E0055



7A0B11



3D373A



7D0044



FC0088

Previews

White Background



This preview shows how the Hex color 0B7A3E looks on a white background.

Color Contrast Check

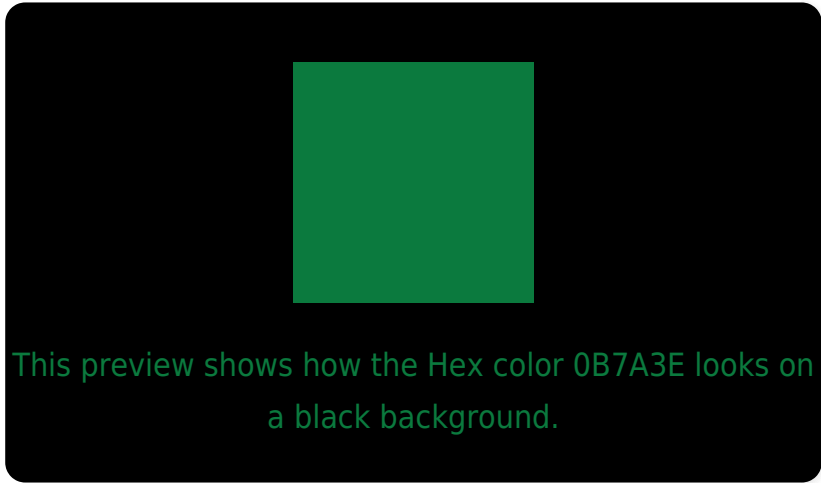
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B7A3E Background



This preview shows how black text looks on a background with the Hex color 0B7A3E.



This preview shows how white text looks on a background with the Hex color 0B7A3E.

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
0B7A3E

Protanopia
746938

Deuteranopia
7F6543



Tritanopia
2F737C

Trichromacy



Original Color
0B7A3E



Protanomaly
4E6F3A



Deuteranomaly
556D41

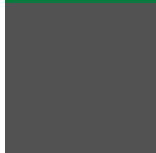


Tritanomaly
227665

Monochromacy



Original Color
0B7A3E



Achromatopsia
525252



Achromatomaly
38614B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7A3E 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 #0B7A3E looks like.

```
.text, #text, p{  
    color:#0B7A3E  
}
```

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 #0B7A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7A3E
}
```

Border

The CSS property to change the border of an element to Hex 0B7A3E 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
#0B7A3E }
```

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

```
.border{ border-color:#0B7A3E }
```

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

Here you see how a box with a 4 pixel #0B7A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7A3E; -webkit-box-shadow:4px 4px  
4px 4px #0B7A3E; box-shadow:4px 4px 4px  
4px #0B7A3E }
```

Background

The CSS property to change the background color of an element to Hex 0B7A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7A3E }
```

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

```
.background{ background-color:#0B7A3E }
```

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