

Converting Colors

Hex(0B7A37)

Have a look what the booklet for
Hex(0B7A37) contains.

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Color

Hex(0B7A37)

Conversions

Conversions Part 1

Format	Color
Hex	0B7A37
RGB	11, 122, 55
RGB Percent	4%, 48%, 22%
CMY	0.9569, 0.5216, 0.7843
CMYK	0.91, 0.00, 0.55, 0.52
HSL	144°, 83%, 26%
HSV	144°, 91%, 48%
XYZ	7.7871, 14.2661, 5.9576
YIQ	81.1730, -44.6490, -44.3690

Conversions

Conversions Part 2

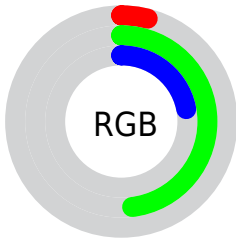
Format	Color
RYB	11, 90, 122
Decimal	752183
CIELab	44.61, -44.10, 28.58
CIELCh	45, 52.547, 147.056
Yxy	14.2661, 0.2780, 0.5093
Android (android.graphics.Color)	4278942263 (0xFF0B7A37)
YUV	81.1730, -12.9033, -61.5417
Hunter-Lab	37.7704, -29.2969, 17.0873

Details

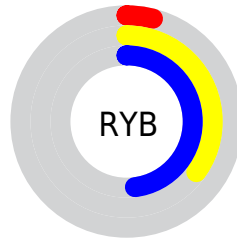
The Hex color **0B7A37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0B4E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50B067**, and **004808** is the 20% darker color. If you saturate the color by 10%, you get **007A30**, and if you desaturate by 10%, it is **177A3E**.

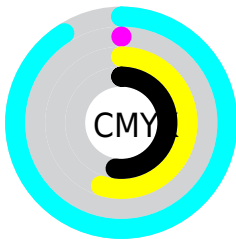
Distribution



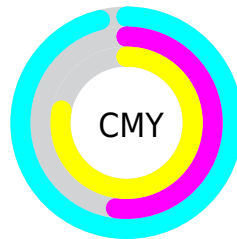
- Red (4%)
- Green (48%)
- Blue (22%)



- Red (4%)
- Yellow (35%)
- Blue (48%)



- Cyan (91%)
- Magenta (0%)
- Yellow (55%)
- Black (52%)



- Cyan (96%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7A37 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 0B7A37 by changing the saturation by 10% instead.

 0B7A37

 0B7A37

FFFFFF

 006020

 50B067

 004808

 6CCB81

 003000

 88E89B

 001900

 A5FFB6

 000000

 C1FFD2

 DEFFE7

 FCFFFF

 0B7A37

 0B7A37

■ 007A30

■ 177A3E

■ 237A46

■ 307A4D

■ 3C7A54

■ 487A5C

■ 547A63

■ 607A6B

■ 6D7A72

■ 797A79

Harmonies

Analogous

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



58730E



0B7A37



007D64

Triad

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



0B7A37



0070C1



B64244

Complementary

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



0B7A37



7A0B4E

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.



B43D70



0B7A37



6060B8

Square

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



0B7A37



007AB3



9A4B9A



A3541E

Rectangle

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



0B7A37



007E82



9A4B9A



B83E52

Sweetspot

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



0B7A37



739E84



4F7A0B



364F40



CFCFCF



4F4F4F

Same Dimension

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



0B7A37



009E3F



0B7A6D



373D3A



007D32



00FC64

Inverse Universe

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



7A0B4E



9E005F



7A0B18



3D373B



7D004B



FC0098

Previews

White Background



This preview shows how the Hex color 0B7A37 looks on a white background.

Color Contrast Check

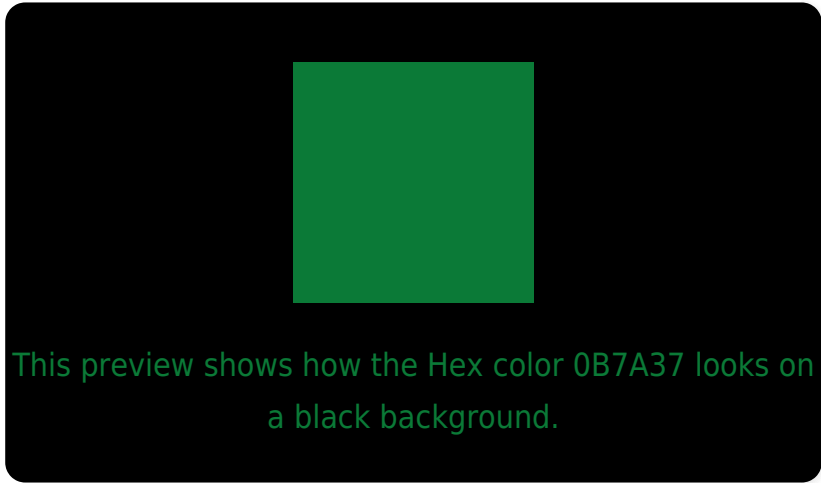
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B7A37 Background



This preview shows how black text looks on a background with the Hex color 0B7A37.



This preview shows how white text looks on a background with the Hex color 0B7A37.

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
0B7A37

Protanopia
746932

Deuteranopia
80643D



Tritanopia
30737C

Trichromacy



Original Color
0B7A37



Protanomaly
4E6F34



Deuteranomaly
556C3B



Tritanomaly
237663

Monochromacy



Original Color
0B7A37



Achromatopsia
515151



Achromatomaly
386048

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7A37 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 #0B7A37 looks like.

```
.text, #text, p{  
    color:#0B7A37  
}
```

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 #0B7A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7A37
}
```

Border

The CSS property to change the border of an element to Hex 0B7A37 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
#0B7A37 }
```

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

```
.border{ border-color:#0B7A37 }
```

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

Here you see how a box with a 4 pixel #0B7A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7A37; -webkit-box-shadow:4px 4px  
4px 4px #0B7A37; box-shadow:4px 4px 4px  
4px #0B7A37 }
```

Background

The CSS property to change the background color of an element to Hex 0B7A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7A37 }
```

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

```
.background{ background-color:#0B7A37 }
```

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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