

# Converting Colors

Hex(0B7A27)

Have a look what the booklet for  
Hex(0B7A27) contains.

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**Color**

**Hex(0B7A27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B7A27
RGB	11, 122, 39
RGB Percent	4%, 48%, 15%
CMY	0.9569, 0.5216, 0.8471
CMYK	0.91, 0.00, 0.68, 0.52
HSL	135°, 83%, 26%
HSV	135°, 91%, 48%
XYZ	7.4638, 14.1367, 4.2547
YIQ	79.3490, -39.5130, -49.3450

# Conversions

## Conversions Part 2

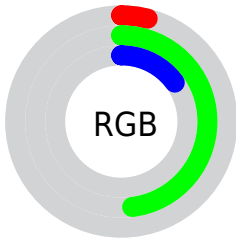
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 100, 122
Decimal	752167
CIELab	44.43, -46.35, 36.32
CIELCh	44, 58.887, 141.921
Yxy	14.1367, 0.2887, 0.5468
Android (android.graphics.Color)	4278942247 (0xFF0B7A27)
YUV	79.3490, -19.8921, -59.9421
Hunter-Lab	37.5988, -30.3638, 19.6098

# Details

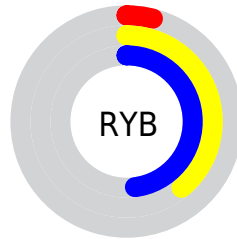
The Hex color **0B7A27** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A0B5E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51B058**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A1F**, and if you desaturate by 10%, it is **177A30**.

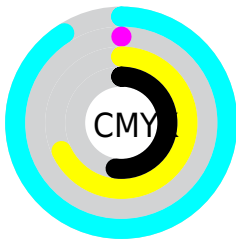
# Distribution



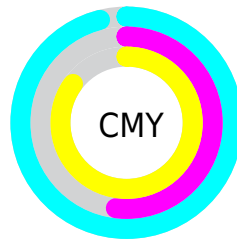
- Red (4%)
- Green (48%)
- Blue (15%)



- Red (4%)
- Yellow (39%)
- Blue (48%)



- Cyan (91%)
- Magenta (0%)
- Yellow (68%)
- Black (52%)



- Cyan (96%)
- Magenta (52%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B7A27 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 0B7A27 by changing the saturation by 10% instead.



 0B7A27

 0B7A27

FFFFFF

 00600D

 51B058

 004800

 6DCB71

 003000

 89E88C

 001800

 A6FFA6

 000000

 C2FFC2

 E0FFDE

 F0FFFB

 0B7A27

 0B7A27

■ 007A1F

■ 177A30

■ 237A39

■ 307A42

■ 3C7A4B

■ 487A55

■ 547A5E

■ 607A67

■ 6D7A70

■ 797A79

# Harmonies

## Analogous

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



5D7100



0B7A27



007E5A

# Triad

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



0B7A27



0073CB



BE3748

# Complementary

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



0B7A27



7A0B5E

# 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.



B93479



0B7A27



4962C5

# Square

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



0B7A27



007CB6



964AA6



AC4D1A

# Rectangle

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



0B7A27



007F7C



964AA6



BF3258



# Sweetspot

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



0B7A27



739E7E



5E7A0B



364F3C



CFCFCF



4F4F4F



# Same Dimension

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



0B7A27



009E28



0B7A5E



373D39



007D20



00FC40



# Inverse Universe

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



7A0B5E



9E0076



7A0B27



3D373C



7D005D

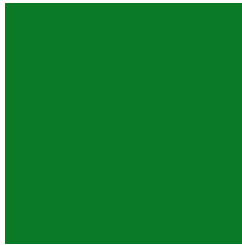


FC00BD



# Previews

## White Background



This preview shows how the Hex color 0B7A27 looks on a white background.

## Color Contrast Check

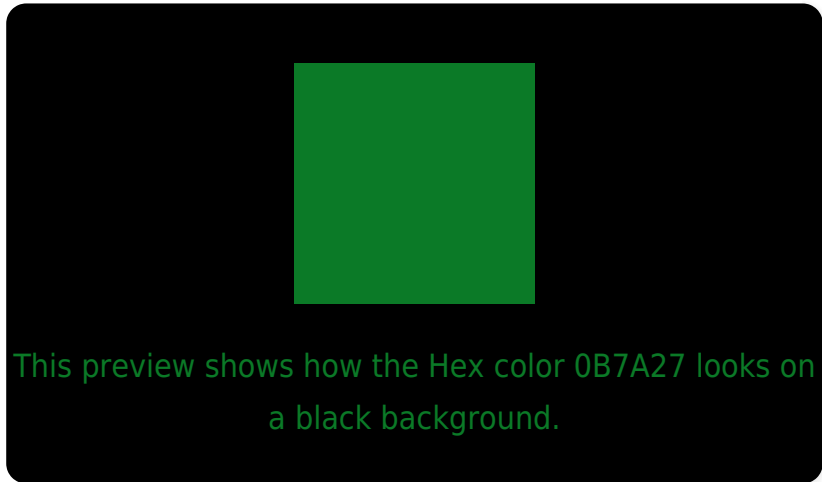
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B7A27 Background



This preview shows how black text looks on a background with the Hex color 0B7A27.



This preview shows how white text looks on a background with the Hex color 0B7A27.

# 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**  
0B7A27

**Protanopia**  
756922

**Deuteranopia**  
82642F



**Tritanopia**  
32727B

# Trichromacy



**Original Color**  
0B7A27



**Protanomaly**  
4E6F24



**Deuteranomaly**  
576C2C



**Tritanomaly**  
24755C

# Monochromacy



**Original Color**  
0B7A27



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
365F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B7A27 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 #0B7A27 looks like.

```
.text, #text, p{  
    color:#0B7A27  
}
```

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 #0B7A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7A27
}
```

## Border

The CSS property to change the border of an element to Hex 0B7A27 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
#0B7A27 }
```

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

```
.border{ border-color:#0B7A27 }
```

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

Here you see how a box with a 4 pixel #0B7A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7A27; -webkit-box-shadow:4px 4px  
4px 4px #0B7A27; box-shadow:4px 4px 4px  
4px #0B7A27 }
```

# Background

The CSS property to change the background color of an element to Hex 0B7A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7A27 }
```

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

```
.background{ background-color:#0B7A27 }
```

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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