

# Converting Colors

Hex(0BA129)

Have a look what the booklet for  
Hex(0BA129) contains.

|  |    |
|--|----|
| <b>Hex(0BA129)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(0BA129)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 0BA129                       |
| RGB         | 11, 161, 41                  |
| RGB Percent | 4%, 63%, 16%                 |
| CMY         | 0.9569, 0.3686, 0.8392       |
| CMYK        | 0.93, 0.00, 0.75, 0.37       |
| HSL         | 132°, 87%, 34%               |
| HSV         | 132°, 93%, 63%               |
| XYZ         | 13.2831, 25.7210, 6.3624     |
| YIQ         | 102.4700, -50.8800, -69.1200 |

# Conversions

## Conversions Part 2

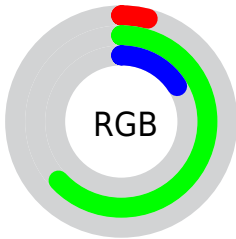
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 11, 136, 161                    |
| Decimal                             | 762153                          |
| CIE Lab                             | 57.77, -58.51, 49.58            |
| CIE LCh                             | 58, 76.691, 139.720             |
| Yxy                                 | 25.7210, 0.2928,<br>0.5670      |
| Android<br>(android.graphics.Color) | 4278952233<br>(0xFF0BA129)      |
| YUV                                 | 102.4700, -30.3047,<br>-80.2192 |
| Hunter-Lab                          | 50.7159, -42.0014,<br>28.0631   |

# Details

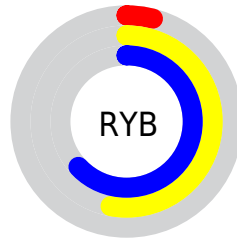
The Hex color **0BA129** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A10B83**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5DD95E**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **00A120**, and if you desaturate by 10%, it is **1BA136**.

# Distribution



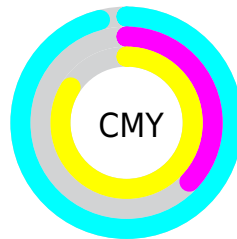
- Red (4%)
- Green (63%)
- Blue (16%)



- Red (4%)
- Yellow (53%)
- Blue (63%)



- Cyan (93%)
- Magenta (0%)
- Yellow (75%)
- Black (37%)



- Cyan (96%)
- Magenta (37%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BA129 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 0BA129 by changing the saturation by 10% instead.





0BA129



0BA129

FFFFFF



008607



5DD95E



006C00



7CF679



005200



9AFF94



003A00



B7FFAF



002200



D5FFCB



000000



F3FFE8



0BA129



0BA129



00A120



1BA136

 2BA143

 3BA150

 4BA15D

 5CA169

 6CA176

 7CA183

 8CA190

 9CA19D

# Harmonies

## Analogous

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



7E9500



0BA129



00A771

# Triad

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



0BA129



009AFF



FF4062

# Complementary

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



0BA129



A10B83

# 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.



F53FA5



0BA129



4A83FF

# Square

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



0BA129



00A5F1



C361E3



E86121

# Rectangle

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



0BA129



00A8A0



C361E3



FF3A78



# Sweetspot

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



0BA129



97D1A2



83A10B



45694C



E8E8E8



696969



# Same Dimension

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



0BA129



00D12A



0BA174



49524B



00911D



001204



# Inverse Universe

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



A10B83



D100A7



A10B38



524950



910074

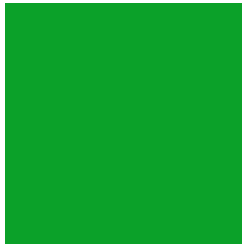


12000E



# Previews

## White Background



This preview shows how the Hex color 0BA129 looks on a white background.

## Color Contrast Check

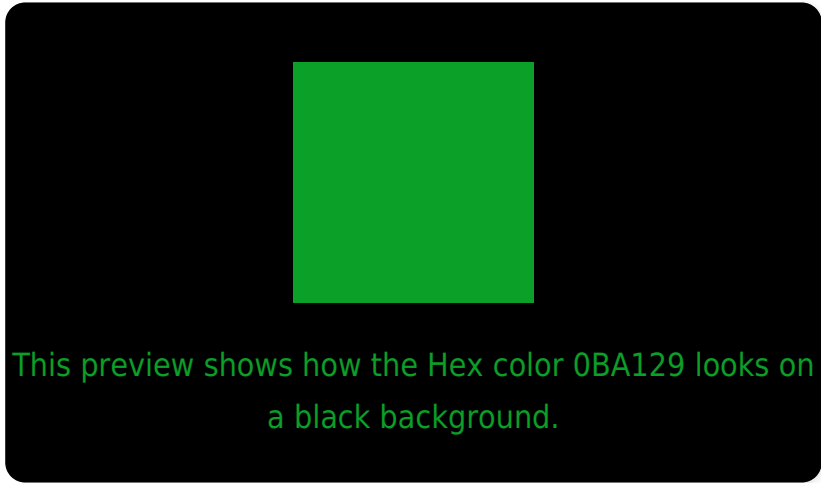
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0BA129 Background



This preview shows how black text looks on a background with the Hex color 0BA129.



This preview shows how white text looks on a background with the Hex color 0BA129.

# 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**  
0BA129

**Protanopia**  
9B8A23

**Deuteranopia**  
AC8335



**Tritanopia**  
4396A2

# Trichromacy



**Original Color**  
0BA129



**Protanomaly**  
679225



**Deuteranomaly**  
718E31



**Tritanomaly**  
2F9A76

# Monochromacy



**Original Color**  
0BA129



**Achromatopsia**  
666666



**Achromatomaly**  
457B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BA129 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 #0BA129 looks like.

```
.text, #text, p{  
    color:#0BA129  
}
```

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 #0BA129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA129
}
```

## Border

The CSS property to change the border of an element to Hex 0BA129 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
#0BA129 }
```

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

```
.border{ border-color:#0BA129 }
```

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

Here you see how a box with a 4 pixel #0BA129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA129; -webkit-box-shadow:4px 4px  
4px 4px #0BA129; box-shadow:4px 4px 4px  
4px #0BA129 }
```

# Background

The CSS property to change the background color of an element to Hex 0BA129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA129 }
```

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

```
.background{ background-color:#0BA129 }
```

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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