

# Converting Colors

Hex(0BA625)

Have a look what the booklet for  
Hex(0BA625) contains.

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**Color**

**Hex(0BA625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BA625
RGB	11, 166, 37
RGB Percent	4%, 65%, 15%
CMY	0.9569, 0.3490, 0.8549
CMYK	0.93, 0.00, 0.78, 0.35
HSL	130°, 88%, 35%
HSV	130°, 93%, 65%
XYZ	14.1082, 27.4772, 6.3103
YIQ	104.9490, -50.9710, -72.9790

# Conversions

## Conversions Part 2

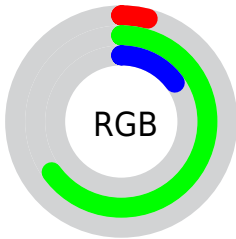
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 144, 166
Decimal	763429
CIE <sub>Lab</sub>	59.41, -60.32, 52.63
CIE <sub>LCh</sub>	59, 80.051, 138.898
Yxy	27.4772, 0.2946, 0.5737
Android (android.graphics.Color)	4278953509 (0xFF0BA625)
YUV	104.9490, -33.4989, -82.3933
Hunter-Lab	52.4187, -43.6905, 29.5556

# Details

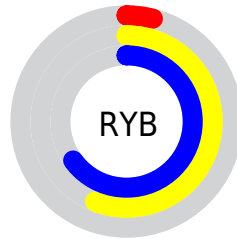
The Hex color **0BA625** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A60B8C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FDE5C**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **00A61C**, and if you desaturate by 10%, it is **1CA633**.

# Distribution



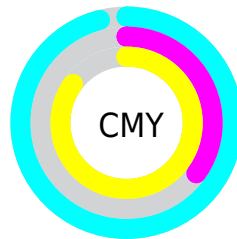
- Red (4%)
- Green (65%)
- Blue (15%)



- Red (4%)
- Yellow (56%)
- Blue (65%)



- Cyan (93%)
- Magenta (0%)
- Yellow (78%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BA625 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 0BA625 by changing the saturation by 10% instead.



 0BA625

 0BA625

FFFFFF

 008B00

 5FDE5C

 007000

 7EFC76

 005700

 9CFF92

 003E00

 BAFFAD

 002600

 D8FFC9

 000000

 F6FFE6

 0BA625

 0BA625

 00A61C

 1CA633

 2CA641

 3DA64E

 4DA65C

 5EA66A

 6FA678

 7FA686

 90A694

 A0A6A1

# Harmonies

## Analogous

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



839900



0BA625



00AC72

# Triad

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



0BA625



009FFF



FF3E66

# Complementary

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



0BA625



A60B8C

# 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.



FE3EAC



0BA625



4088FF

# Square

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



0BA625



00ABF9



C864ED



F16121

# Rectangle

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



0BA625



00AEA3



C864ED



FF377D



# Sweetspot

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



0BA625



9CD9A6



8CA60B



486E4F



EDEDED



6E6E6E



# Same Dimension

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



0BA625



00D924



0BA672



4C544D



009419



001403



# Inverse Universe

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



A60B8C



D900B4



A60B3F



544C53



94007B

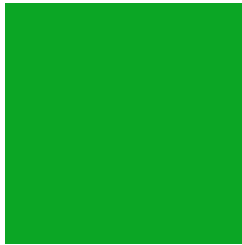


140011



# Previews

## White Background



This preview shows how the Hex color 0BA625 looks on a white background.

## Color Contrast Check

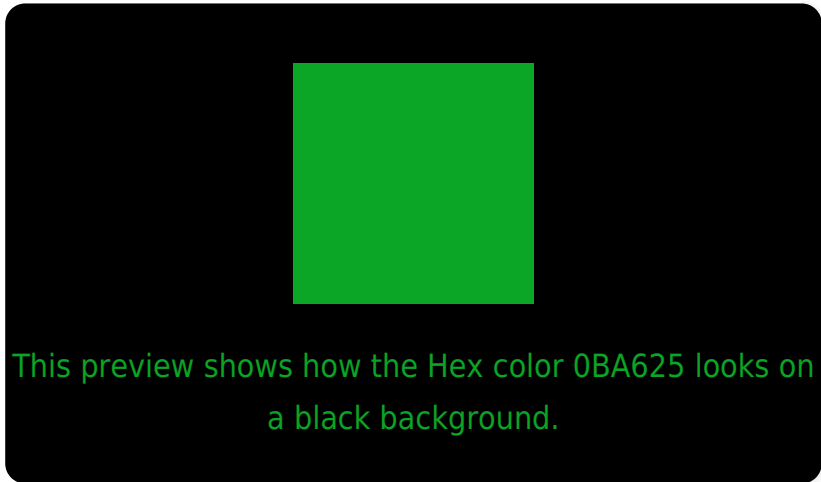
Large Text (above 18pt) WCAG AA ✓ Pass

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 0BA625 Background



This preview shows how black text looks on a background with the Hex color 0BA625.



This preview shows how white text looks on a background with the Hex color 0BA625.

# 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**  
0BA625

**Protanopia**  
A08E1F

**Deuteranopia**  
B18733



**Tritanopia**  
459BA7

# Trichromacy



**Original Color**  
0BA625



**Protanomaly**  
6A9721



**Deuteranomaly**  
75922E



**Tritanomaly**  
309F78

# Monochromacy



**Original Color**  
0BA625



**Achromatopsia**  
696969



**Achromatomaly**  
477F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BA625 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 #0BA625 looks like.

```
.text, #text, p{  
    color:#0BA625  
}
```

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 #0BA625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA625
}
```

## Border

The CSS property to change the border of an element to Hex 0BA625 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
#0BA625 }
```

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

```
.border{ border-color:#0BA625 }
```

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

Here you see how a box with a 4 pixel #0BA625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA625; -webkit-box-shadow:4px 4px  
4px 4px #0BA625; box-shadow:4px 4px 4px  
4px #0BA625 }
```

# Background

The CSS property to change the background color of an element to Hex 0BA625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA625 }
```

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

```
.background{ background-color:#0BA625 }
```

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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