

Converting Colors

Hex(0BA624)

Have a look what the booklet for
Hex(0BA624) contains.

Hex(0BA624)	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(0BA624)

Conversions

Conversions Part 1

Format	Color
Hex	0BA624
RGB	11, 166, 36
RGB Percent	4%, 65%, 14%
CMY	0.9569, 0.3490, 0.8588
CMYK	0.93, 0.00, 0.78, 0.35
HSL	130°, 88%, 35%
HSV	130°, 93%, 65%
XYZ	14.0927, 27.4710, 6.2287
YIQ	104.8350, -50.6500, -73.2900

Conversions

Conversions Part 2

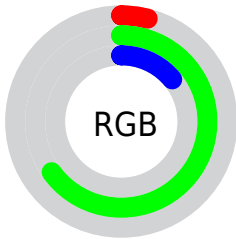
Format	Color
RYB	11, 144, 166
Decimal	763428
CIELab	59.41, -60.39, 52.95
CIELCh	59, 80.319, 138.757
Yxy	27.4710, 0.2949, 0.5748
Android (android.graphics.Color)	4278953508 (0xFF0BA624)
YUV	104.8350, -33.9357, -82.2933
Hunter-Lab	52.4127, -43.7275, 29.6429

Details

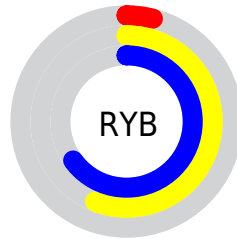
The Hex color **0BA624** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A60B8D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FDE5B**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **00A61B**, and if you desaturate by 10%, it is **1CA632**.

Distribution



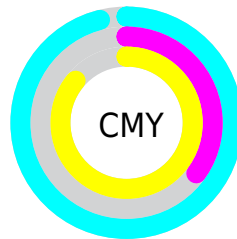
- Red (4%)
- Green (65%)
- Blue (14%)



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



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



- Cyan (96%)
- Magenta (35%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA624 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 0BA624 by changing the saturation by 10% instead.



0BA624



0BA624

FFFFFF



008B00



5FDE5B



007000



7EFC76



005700



9CFF91



003E00



BAFFAD



002600



D8FFC9



000000



F6FFE6



0BA624



0BA624



00A61B



1CA632

 2CA640

 3DA64E

 4DA65C

 5EA66A

 6FA678

 7FA685

 90A693

 A0A6A1

Harmonies

Analogous

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



839900



0BA624



00AC71

Triad

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



0BA624



009FFF



FF3D66

Complementary

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



0BA624



A60B8D

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.



FE3EAD



0BA624



3E88FF

Square

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



0BA624



00ABF9



C764ED



F26121

Rectangle

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



0BA624



00AEA3



C764ED



FF367E

Sweetspot

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



0BA624



9CD9A6



8FA60B



486E4E



EDEDED



6E6E6E

Same Dimension

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



0BA624



00D923



0BA670



4C544D



009418



001403

Inverse Universe

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



A60B8D



D900B6



A60B41



544C53



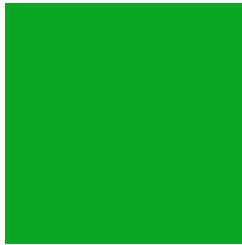
94007C



140011

Previews

White Background



This preview shows how the Hex color 0BA624 looks on a white background.

Color Contrast Check

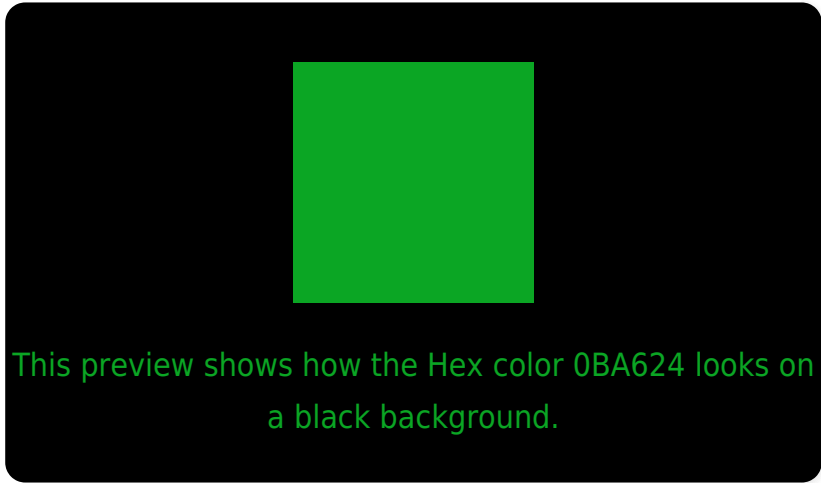
Large Text (above 18pt) WCAG AA ✓ Pass

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 0BA624 Background



This preview shows how black text looks on a background with the Hex color 0BA624.



This preview shows how white text looks on a background with the Hex color 0BA624.

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
0BA624

Protanopia
A08E1E

Deuteranopia
B18732



Tritanopia
459BA7

Trichromacy



Original Color
0BA624



Protanomaly
6A9720



Deuteranomaly
75922D



Tritanomaly
309F77

Monochromacy



Original Color
0BA624



Achromatopsia
696969



Achromatomaly
477F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA624 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 #0BA624 looks like.

```
.text, #text, p{  
    color:#0BA624  
}
```

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 #0BA624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA624
}
```

Border

The CSS property to change the border of an element to Hex 0BA624 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".

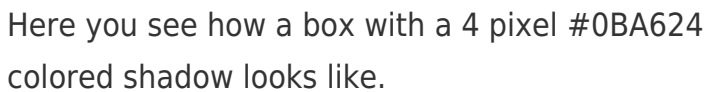
```
.border, #border, table{ border:4px solid
#0BA624 }
```

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

```
.border{ border-color:#0BA624 }
```

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

Here you see how a box with a 4 pixel #0BA624 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA624; -webkit-box-shadow:4px 4px  
4px 4px #0BA624; box-shadow:4px 4px 4px  
4px #0BA624 }
```

Background

The CSS property to change the background color of an element to Hex 0BA624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA624 }
```

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

```
.background{ background-color:#0BA624 }
```

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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