

Converting Colors

Hex(0BAC42)

Have a look what the booklet for
Hex(0BAC42) contains.

Hex(0BAC42)	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(0BAC42)

Conversions

Conversions Part 1

Format	Color
Hex	0BAC42
RGB	11, 172, 66
RGB Percent	4%, 67%, 26%
CMY	0.9569, 0.3255, 0.7412
CMYK	0.94, 0.00, 0.62, 0.33
HSL	140°, 88%, 36%
HSV	140°, 94%, 67%
XYZ	15.8739, 29.9695, 10.1023
YIQ	111.7770, -61.9300, -67.0980

Conversions

Conversions Part 2

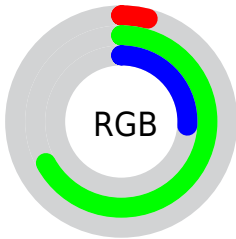
Format	Color
RYB	11, 131, 172
Decimal	764994
CIELab	61.63, -59.25, 43.30
CIELCh	62, 73.388, 143.843
Yxy	29.9695, 0.2837, 0.5357
Android (android.graphics.Color)	4278955074 (0xFF0BAC42)
YUV	111.7770, -22.5681, -88.3814
Hunter-Lab	54.7444, -44.0443, 27.3800

Details

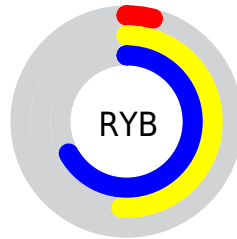
The Hex color **0BAC42** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC0B75**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5FE576**, and **00760B** is the 20% darker color. If you saturate the color by 10%, you get **00AC3B**, and if you desaturate by 10%, it is **1CAC4D**.

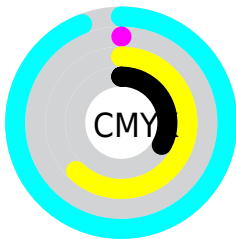
Distribution



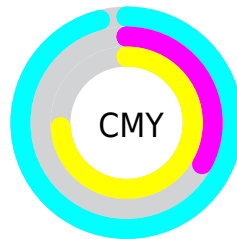
- Red (4%)
- Green (67%)
- Blue (26%)



- Red (4%)
- Yellow (51%)
- Blue (67%)



- Cyan (94%)
- Magenta (0%)
- Yellow (62%)
- Black (33%)



- Cyan (96%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BAC42 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 0BAC42 by changing the saturation by 10% instead.

 0BAC42

 0BAC42

FFFFFF

 009128

 5FE576

 00760B

 7EFF90

 005C00

 9CFFAB

 004300

 BAFFC7

 002C00

 D8FFE4

 000B00

 F7FFFF

 000000

 0BAC42

 0BAC42

 00AC3B

 1CAC4D

 2DAC59

 3FAC64

 50AC6F

 61AC7B

 72AC86

 83AC91

 95AC9D

 A6ACA8

Harmonies

Analogous

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



81A100



0BAC42



00B185

Triad

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



0BAC42



00A1FF



FF5565

Complementary

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



0BAC42



AC0B75

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.



FF50A5



0BAC42



7689FF

Square

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



0BAC42



00AEFD



D56AE3



EC7228

Rectangle

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



0BAC42



00B2B2



D56AE3



FF4F7A

Sweetspot

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



0BAC42



A2E0B7



76AC0B



4A7057



F0F0F0



707070

Same Dimension

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



0BAC42



00E04D



0BAC91



4E5751



009633



001708

Inverse Universe

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



AC0B75



E00094



AC0B26



574E54



960063



17000F

Previews

White Background



This preview shows how the Hex color 0BAC42 looks on a white background.

Color Contrast Check

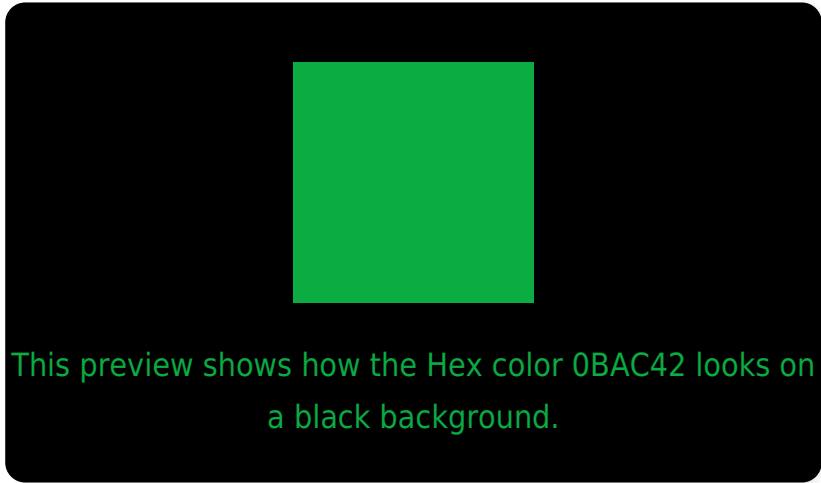
Large Text (above 18pt) WCAG AA ✓ Pass

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 0BAC42 Background



This preview shows how black text looks on a background with the Hex color 0BAC42.

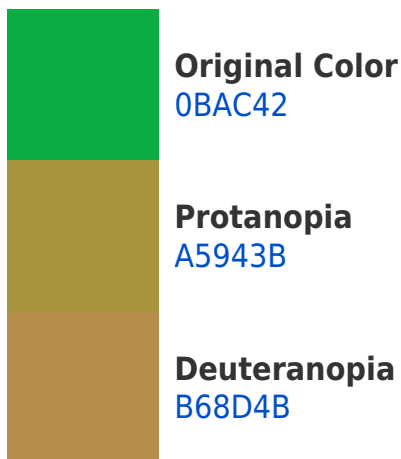


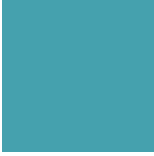
This preview shows how white text looks on a background with the Hex color 0BAC42.

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





Tritanopia
45A1AE

Trichromacy



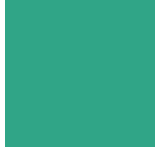
Original Color
0BAC42



Protanomaly
6D9D3E



Deuteranomaly
789848



Tritanomaly
30A587

Monochromacy



Original Color
0BAC42



Achromatopsia
707070



Achromatomaly
4B865F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BAC42 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 #0BAC42 looks like.

```
.text, #text, p{  
    color:#0BAC42  
}
```

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 #0BAC42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BAC42
}
```

Border

The CSS property to change the border of an element to Hex 0BAC42 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
#0BAC42 }
```

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

```
.border{ border-color:#0BAC42 }
```

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

Here you see how a box with a 4 pixel #0BAC42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BAC42; -webkit-box-shadow:4px 4px  
4px 4px #0BAC42; box-shadow:4px 4px 4px  
4px #0BAC42 }
```

Background

The CSS property to change the background color of an element to Hex 0BAC42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BAC42 }
```

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

```
.background{ background-color:#0BAC42 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor