

Converting Colors

Hex(0BC051)

Have a look what the booklet for
Hex(0BC051) contains.

| | |
|--|----|
| Hex(0BC051) | 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(0BC051)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0BC051 |
| RGB | 11, 192, 81 |
| RGB Percent | 4%, 75%, 32% |
| CMY | 0.9569, 0.2471, 0.6824 |
| CMYK | 0.94, 0.00, 0.58, 0.25 |
| HSL | 143°, 89%, 40% |
| HSV | 143°, 94%, 75% |
| XYZ | 20.4729, 38.3645, 14.1106 |
| YIQ | 125.2270, -72.2450, -72.8930 |

Conversions

Conversions Part 2

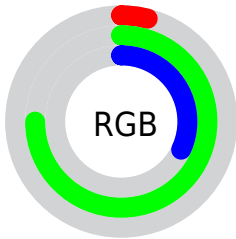
| Format | Color |
|-------------------------------------|---|
| RYB | 11, 142, 192 |
| Decimal | 770129 |
| CIELab | 68.29, -63.59, 44.11 |
| CIElCh | 68, 77.395, 145.250 |
| Yxy | 38.3645, 0.2806, 0.5259 |
| Android (android.graphics.Color) | 4278960209 (0xFF0BC051) |
| YUV | 125.2270, -21.8039, -100.1771 |
| Hunter-Lab | 61.9391, -49.3934, 29.8502 |

Details

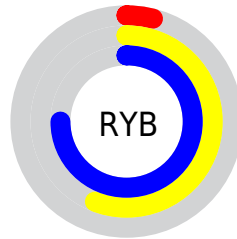
The Hex color **0BC051** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C00B7A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65FA85**, and **00891D** is the 20% darker color. If you saturate the color by 10%, you get **00C04A**, and if you desaturate by 10%, it is **1EC05D**.

Distribution



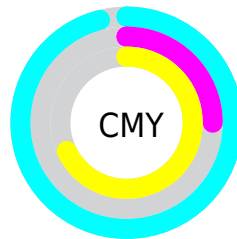
- Red (4%)
- Green (75%)
- Blue (32%)



- Red (4%)
- Yellow (56%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)
- Black (25%)



- Cyan (96%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BC051 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 0BC051 by changing the saturation by 10% instead.

 0BC051

 0BC051

FFFFFF

 00A437

 65FA85

 00891D

 85FFA0

 006E00

 A3FFBC

 005400

 C2FFD8

 003C00

 E0FFF5

 002300

 000000

 0BC051

 0BC051

 00C04A

 1EC05D

 31C069

 45C074

 58C080

 6BC08C

 7EC098

 91C0A3

 A5C0AF

 B8C0BB

Harmonies

Analogous

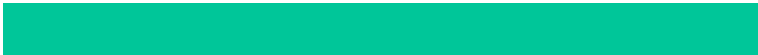
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EB400



0BC051



00C699

Triad

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



0BC051



00B2FF



FF646F

Complementary

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



0BC051



C00B7A

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.



FF5DB5



0BC051



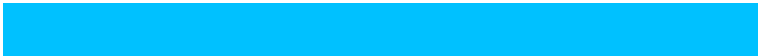
8D99FF

Square

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



0BC051



00C1FF



EF77F7



FF822F

Rectangle

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



0BC051



00C7C9



EF77F7



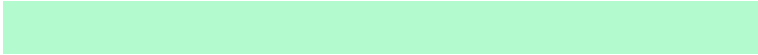
FF5E86

Sweetspot

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



0BC051



B4FACF



7BC00B



527D63



FCFCFC



7D7D7D

Same Dimension

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



0BC051



00FA61



0BC0AB



57615B



00A13E



00210D

Inverse Universe

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



C00B7A



FA0099



C00B20



61575D



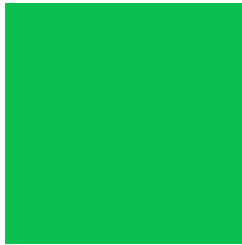
A10063



210014

Previews

White Background



This preview shows how the Hex color 0BC051 looks on a white background.

Color Contrast Check

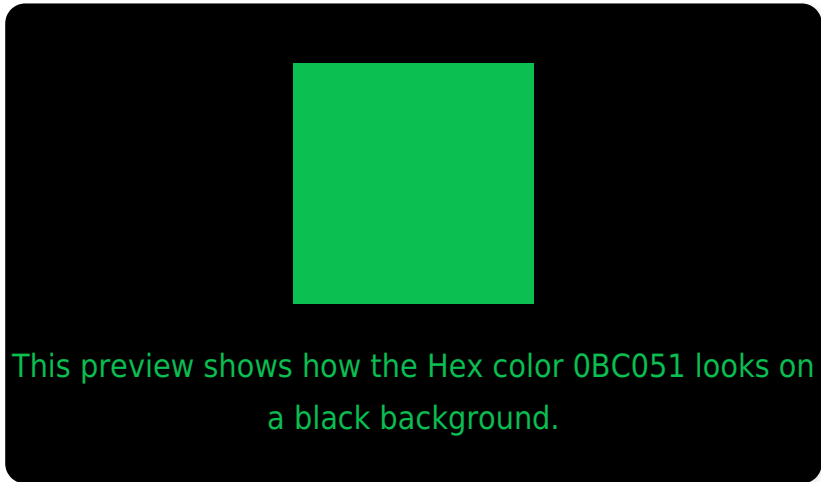
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 0BC051 Background



This preview shows how black text looks on a background with the Hex color 0BC051.

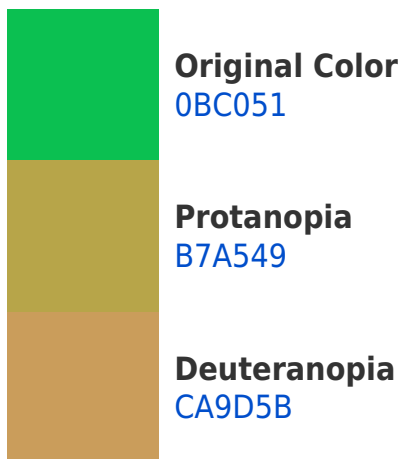


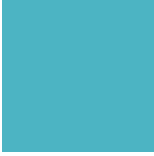
This preview shows how white text looks on a background with the Hex color 0BC051.

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
4CB4C3

Trichromacy



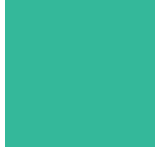
Original Color
0BC051



Protanomaly
78AF4C



Deuteranomaly
85AA57



Tritanomaly
34B89A

Monochromacy



Original Color
0BC051



Achromatopsia
7D7D7D



Achromatomaly
54956D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BC051 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 #0BC051 looks like.

```
.text, #text, p{  
    color:#0BC051  
}
```

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 #0BC051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BC051
}
```

Border

The CSS property to change the border of an element to Hex 0BC051 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
#0BC051 }
```

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

```
.border{ border-color:#0BC051 }
```

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

Here you see how a box with a 4 pixel #0BC051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BC051; -webkit-box-shadow:4px 4px  
4px 4px #0BC051; box-shadow:4px 4px 4px  
4px #0BC051 }
```

Background

The CSS property to change the background color of an element to Hex 0BC051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BC051 }
```

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

```
.background{ background-color:#0BC051 }
```

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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