

Converting Colors

Hex(0BBC0B)

Have a look what the booklet for
Hex(0BBC0B) contains.

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Color

Hex(0BBC0B)

Conversions

Conversions Part 1

Format	Color
Hex	0BBC0B
RGB	11, 188, 11
RGB Percent	4%, 74%, 4%
CMY	0.9569, 0.2627, 0.9569
CMYK	0.94, 0.00, 0.94, 0.26
HSL	120°, 89%, 39%
HSV	120°, 94%, 74%
XYZ	18.1816, 36.0617, 6.3190
YIQ	114.8990, -48.6750, -92.5710

Conversions

Conversions Part 2

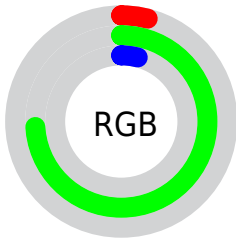
Format	Color
RYB	11, 188, 188
Decimal	769035
CIELab	66.57, -67.80, 64.92
CIELCh	67, 93.871, 136.240
Yxy	36.0617, 0.3002, 0.5954
Android (android.graphics.Color)	4278959115 (0xFF0BBC0B)
YUV	114.8990, -51.2222, -91.1194
Hunter-Lab	60.0514, -51.0460, 35.7972

Details

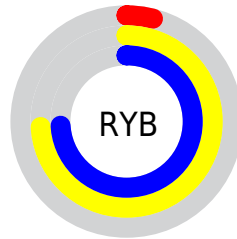
The Hex color **0BBC0B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BC0BBC**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **67F651**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **00BC00**, and if you desaturate by 10%, it is **1EBC1E**.

Distribution



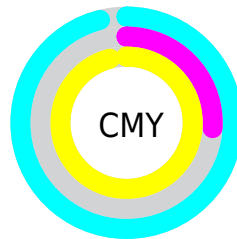
- Red (4%)
- Green (74%)
- Blue (4%)



- Red (4%)
- Yellow (74%)
- Blue (74%)



- Cyan (94%)
- Magenta (0%)
- Yellow (94%)
- Black (26%)



- Cyan (96%)
- Magenta (26%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BBC0B 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 0BBC0B by changing the saturation by 10% instead.

 0BBC0B

 0BBC0B

FFFFFF

 00A000

 67F651

 008500

 87FF6D

 006A00

 A6FF89

 005100

 C5FFA6

 003900

 E3FFC2

 001F00

 FFFFDF

 000000

 FFFFFD

 0BBC0B

 0BBC0B

 00BC00

 1EBC1E

 31BC31

 43BC43

 56BC56

 69BC69

 7CBC7C

 8FBC8F

 A1BCA1

 B4BCB4

Harmonies

Analogous

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



99AC00



0BBC0B



00C477

Triad

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



0BBC0B



00B7FF



FF3278

Complementary

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



0BBC0B



BC0B0B

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.



FF3BCC



0BBC0B



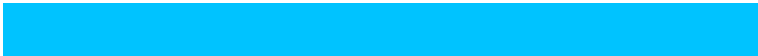
009DFF

Square

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



0BBC0B



00C3FF



DC71FF



FF6524

Rectangle

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



0BBC0B



00C6B2



DC71FF



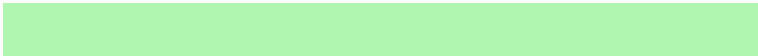
FF2894

Sweetspot

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



0BBC0B



B0F5B0



BCBC0B



517A51



FAFAFA



7A7A7A

Same Dimension

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



0BBC0B



00F500



0BBC63



555E55



009E00



001F00

Inverse Universe

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



BC0BBC



F500F5



BC0B63



5E555E



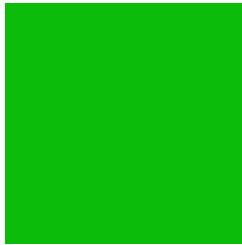
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 0BBC0B looks on a white background.

Color Contrast Check

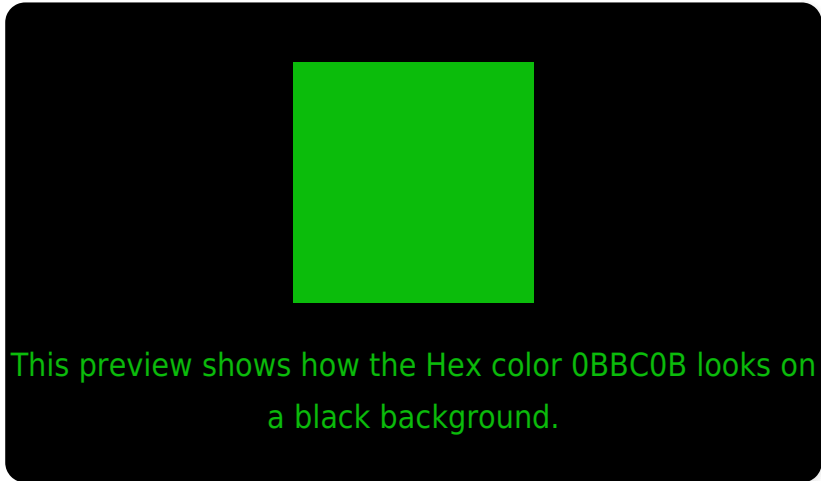
Large Text (above 18pt) WCAG AA × Fail

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 0BBC0B Background



This preview shows how black text looks on a background with the Hex color 0BBC0B.

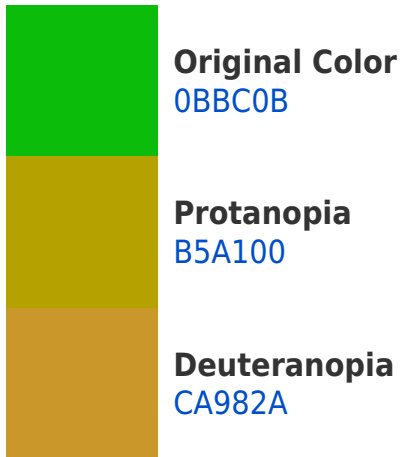


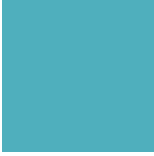
This preview shows how white text looks on a background with the Hex color 0BBC0B.

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
4FAFBD

Trichromacy



Original Color
0BBC0B



Protanomaly
77AB04



Deuteranomaly
85A51F



Tritanomaly
36B47C

Monochromacy



Original Color
0BBC0B



Achromatopsia
737373



Achromatomaly
4D8E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BBC0B 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 #0BBC0B looks like.

```
.text, #text, p{  
    color:#0BBC0B  
}
```

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 #0BBC0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BBC0B
}
```

Border

The CSS property to change the border of an element to Hex 0BBC0B 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".

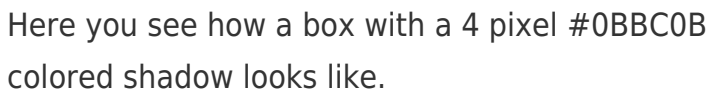
```
.border, #border, table{ border:4px solid
#0BBC0B }
```

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

```
.border{ border-color:#0BBC0B }
```

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

Here you see how a box with a 4 pixel #0BBC0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BBC0B; -webkit-box-shadow:4px 4px  
4px 4px #0BBC0B; box-shadow:4px 4px 4px  
4px #0BBC0B }
```

Background

The CSS property to change the background color of an element to Hex 0BBC0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BBC0B }
```

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

```
.background{ background-color:#0BBC0B }
```

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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