

Converting Colors

Hex(0AB30A)

Have a look what the booklet for
Hex(0AB30A) contains.

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Color

Hex(0AB30A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0AB30A |
| RGB | 10, 179, 10 |
| RGB Percent | 4%, 70%, 4% |
| CMY | 0.9608, 0.2980, 0.9608 |
| CMYK | 0.94, 0.00, 0.94, 0.30 |
| HSL | 120°, 89%, 37% |
| HSV | 120°, 94%, 70% |
| XYZ | 16.3001, 32.3266, 5.6677 |
| YIQ | 109.2030, -46.4750, -88.3870 |

Conversions

Conversions Part 2

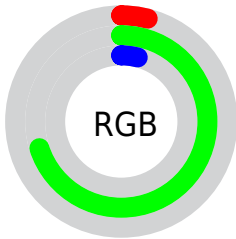
| Format | Color |
|-------------------------------------|--|
| RYB | 10, 179, 179 |
| Decimal | 701194 |
| CIELab | 63.61, -65.36, 62.59 |
| CIELCh | 64, 90.495, 136.243 |
| Yxy | 32.3266, 0.3002, 0.5954 |
| Android (android.graphics.Color) | 4278891274 (0xFF0AB30A) |
| YUV | 109.2030, -48.9071, -87.0010 |
| Hunter-Lab | 56.8565, -48.3252, 33.8893 |

Details

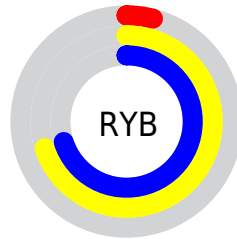
The Hex color **0AB30A** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B30AB3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64EC4F**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **00B300**, and if you desaturate by 10%, it is **1CB31C**.

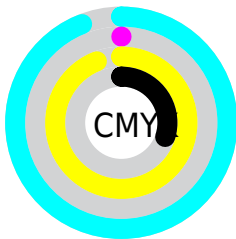
Distribution



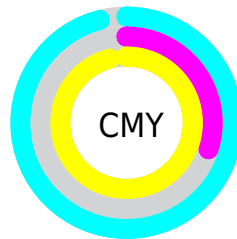
- Red (4%)
- Green (70%)
- Blue (4%)



- Red (4%)
- Yellow (70%)
- Blue (70%)



- Cyan (94%)
- Magenta (0%)
- Yellow (94%)
- Black (30%)



- Cyan (96%)
- Magenta (30%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AB30A 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 0AB30A by changing the saturation by 10% instead.

 0AB30A

 0AB30A

FFFFFF

 009700

 64EC4F

 007C00

 83FF6B

 006200

 A2FF87

 004900

 C1FFA3

 003100

 DFFFBF

 001500

 FEFFDC

 000000

 FFFFFA

 0AB30A

 0AB30A

 00B300

 1CB31C

 2EB32E

 40B340

 52B352

 63B363

 75B375

 87B387

 99B399

 ABB3AB

Harmonies

Analogous

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



92A400



0AB30A



00BA71

Triad

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



0AB30A



00AEFF



FF2F72

Complementary

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



0AB30A



B30AB3

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.



FF38C3



0AB30A



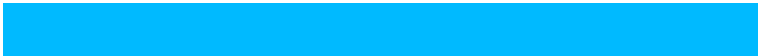
0095FF

Square

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



0AB30A



00BAFF



D26CFF



FF6022

Rectangle

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



0AB30A



00BCA9



D26CFF



FF268D

Sweetspot

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



0AB30A



A7E8A7



B3B30A



4D754D



F5F5F5



757575

Same Dimension

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



0AB30A



00E800



0AB35F



505950



009900



001A00

Inverse Universe

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



B30AB3



E800E8



B30A5F



595059



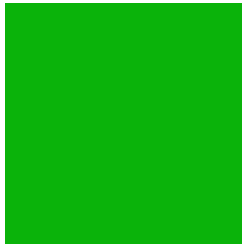
990099



1A001A

Previews

White Background



This preview shows how the Hex color 0AB30A looks on a white background.

Color Contrast Check

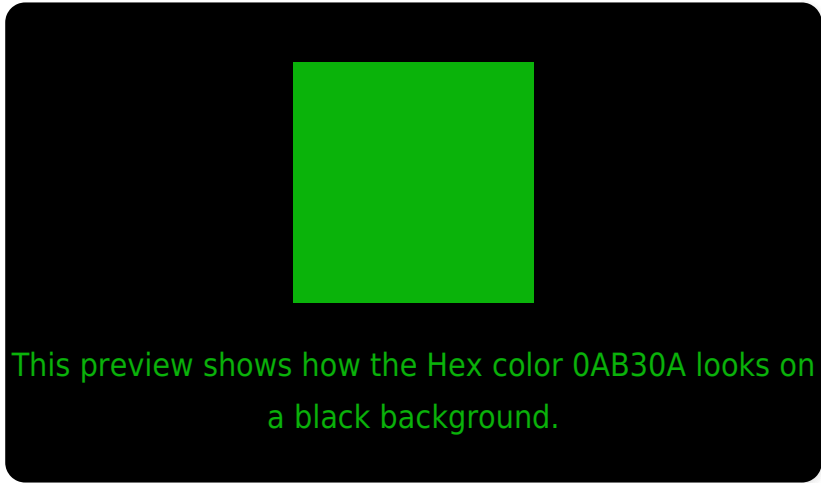
Large Text (above 18pt) WCAG AA × Fail

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 0AB30A Background



This preview shows how black text looks on a background with the Hex color 0AB30A.

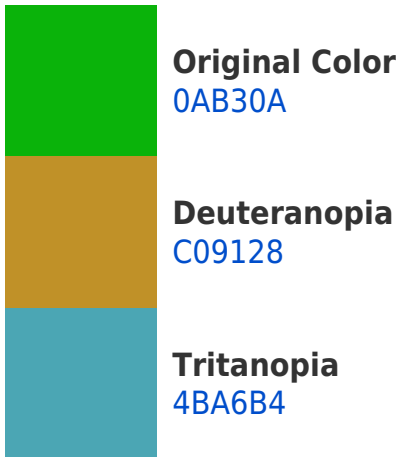


This preview shows how white text looks on a background with the Hex color 0AB30A.

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



Trichromacy



Original Color
0AB30A



Deuteranomaly
7E9D1D



Tritanomaly
33AB76

Monochromacy



Original Color
0AB30A



Achromatopsia
6D6D6D



Achromatomaly
498649

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AB30A 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 #0AB30A looks like.

```
.text, #text, p{  
    color:#0AB30A  
}
```

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 #0AB30A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AB30A
}
```

Border

The CSS property to change the border of an element to Hex 0AB30A 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".

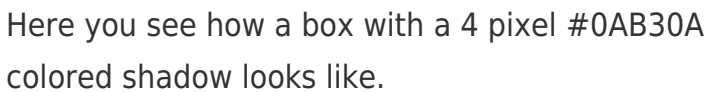
```
.border, #border, table{ border:4px solid
#0AB30A }
```

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

```
.border{ border-color:#0AB30A }
```

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

Here you see how a box with a 4 pixel #0AB30A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AB30A; -webkit-box-shadow:4px 4px  
4px 4px #0AB30A; box-shadow:4px 4px 4px  
4px #0AB30A }
```

Background

The CSS property to change the background color of an element to Hex 0AB30A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AB30A }
```

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

```
.background{ background-color:#0AB30A }
```

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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