

Converting Colors

Hex(0AC838)

Have a look what the booklet for
Hex(0AC838) contains.

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Color

Hex(0AC838)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0AC838 |
| RGB | 10, 200, 56 |
| RGB Percent | 4%, 78%, 22% |
| CMY | 0.9608, 0.2157, 0.7804 |
| CMYK | 0.95, 0.00, 0.72, 0.22 |
| HSL | 135°, 90%, 41% |
| HSV | 135°, 95%, 78% |
| XYZ | 21.4933, 41.6586, 10.6495 |
| YIQ | 126.7740, -67.0160, -85.0640 |

Conversions

Conversions Part 2

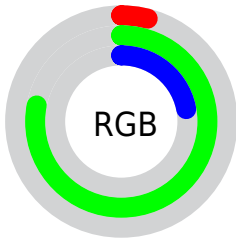
| Format | Color |
|-------------------------------------|--|
| RYB | 10, 163, 200 |
| Decimal | 706616 |
| CIELab | 70.63, -68.81, 57.22 |
| CIELCh | 71, 89.492, 140.252 |
| Yxy | 41.6586, 0.2912, 0.5645 |
| Android (android.graphics.Color) | 4278896696 (0xFF0AC838) |
| YUV | 126.7740, -34.8916, -102.4108 |
| Hunter-Lab | 64.5435, -53.5098, 35.3978 |

Details

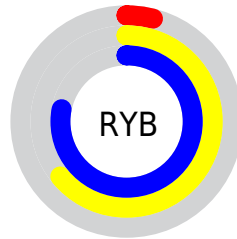
The Hex color **0AC838** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C80A9A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **68FF6F**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **00C830**, and if you desaturate by 10%, it is **1EC847**.

Distribution



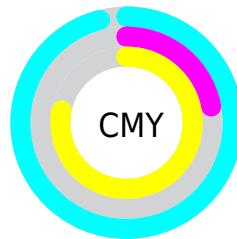
- Red (4%)
- Green (78%)
- Blue (22%)



- Red (4%)
- Yellow (64%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC838 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 0AC838 by changing the saturation by 10% instead.

 0AC838

 0AC838

FFFFFF

 00AC18

 68FF6F

 009000

 89FF8A

 007500

 A8FFA6

 005B00

 C7FFC2

 004200

 E6FFDF

 002A00

FFFFFFD

 000400

 000000

 0AC838

 0AC838

■ 00C830

■ 1EC847

■ 32C856

■ 46C865

■ 5AC875

■ 6EC884

■ 82C893

■ 96C8A2

■ AAC8B1

■ BEC8C0

Harmonies

Analogous

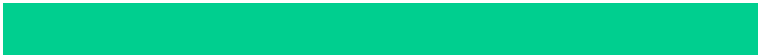
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CB900



0AC838



00CF8F

Triad

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



0AC838



00BFFF



FF537A

Complementary

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



0AC838



C80A9A

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.



FF51CB



0AC838



64A3FF

Square

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



0AC838



00CDFE



F37AFF



FF7A2B

Rectangle

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



0AC838



00D1C8



F37AFF



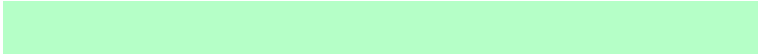
FF4B95

Sweetspot

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



0AC838



B5FFC7



9CC80A



53805E



000000



808080

Same Dimension

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



0AC838



00FF3E



0AC895



5A635C



00A328



002409

Inverse Universe

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



C80A9A



FF00C1



C80A3D



635A61



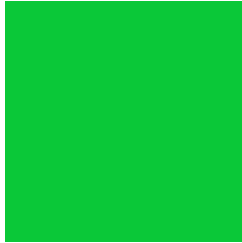
A3007C



24001B

Previews

White Background



This preview shows how the Hex color 0AC838 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



This preview shows how the Hex color 0AC838 looks on a 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 0AC838 Background



This preview shows how black text looks on a background with the Hex color 0AC838.

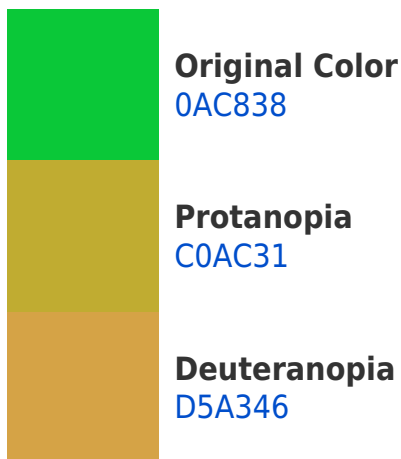


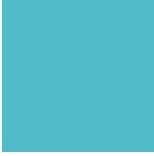
This preview shows how white text looks on a background with the Hex color 0AC838.

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
52BBCA

Trichromacy



Original Color
0AC838



Protanomaly
7EB634



Deuteranomaly
8BB041



Tritanomaly
38C095

Monochromacy



Original Color
0AC838



Achromatopsia
7F7F7F



Achromatomaly
549A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC838 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 #0AC838 looks like.

```
.text, #text, p{  
    color:#0AC838  
}
```

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 #0AC838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC838
}
```

Border

The CSS property to change the border of an element to Hex 0AC838 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
#0AC838 }
```

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

```
.border{ border-color:#0AC838 }
```

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

Here you see how a box with a 4 pixel #0AC838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC838; -webkit-box-shadow:4px 4px  
4px 4px #0AC838; box-shadow:4px 4px 4px  
4px #0AC838 }
```

Background

The CSS property to change the background color of an element to Hex 0AC838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC838 }
```

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

```
.background{ background-color:#0AC838 }
```

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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