

Converting Colors

Hex(0AC21F)

Have a look what the booklet for
Hex(0AC21F) contains.

Hex(0AC21F)	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(0AC21F)

Conversions

Conversions Part 1

Format	Color
Hex	0AC21F
RGB	10, 194, 31
RGB Percent	4%, 76%, 12%
CMY	0.9608, 0.2392, 0.8784
CMYK	0.95, 0.00, 0.84, 0.24
HSL	127°, 90%, 40%
HSV	127°, 95%, 76%
XYZ	19.6643, 38.7470, 7.7388
YIQ	120.4020, -57.3410, -89.7010

Conversions

Conversions Part 2

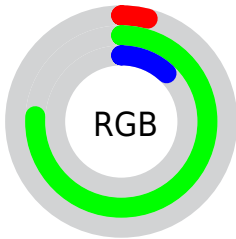
Format	Color
RYB	10, 175, 194
Decimal	705055
CIELab	68.57, -68.79, 62.96
CIELCh	69, 93.256, 137.535
Yxy	38.7470, 0.2973, 0.5857
Android (android.graphics.Color)	4278895135 (0xFF0AC21F)
YUV	120.4020, -44.0752, -96.8226
Hunter-Lab	62.2471, -52.5431, 36.2018

Details

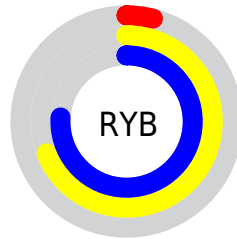
The Hex color **0AC21F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C20AAD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **68FC5C**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **00C216**, and if you desaturate by 10%, it is **1DC230**.

Distribution



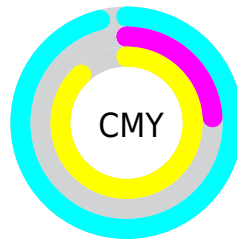
- Red (4%)
- Green (76%)
- Blue (12%)



- Red (4%)
- Yellow (69%)
- Blue (76%)



- Cyan (95%)
- Magenta (0%)
- Yellow (84%)
- Black (24%)



- Cyan (96%)
- Magenta (24%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC21F 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 0AC21F by changing the saturation by 10% instead.

 0AC21F

 0AC21F

FFFFFF

 00A600

 68FC5C

 008B00

 88FF78

 007000

 A7FF94

 005600

 C6FFB0

 003D00

 E5FFCD

 002400

 FFFFEA

 000000

 0AC21F

 0AC21F

 00C216

 1DC230

 31C241

 44C253

 58C264

 6BC275

 7EC286

 92C297

 A5C2A8

 B9C2BA

Harmonies

Analogous

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



9BB200



0AC21F



00CA80

Triad

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



0AC21F



00BCFF



FF3F7A

Complementary

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



0AC21F



C20AAD

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.



FF43CE



0AC21F



24A1FF

Square

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



0AC21F



00C8FF



E675FF



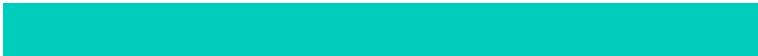
FF6D26

Rectangle

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



0AC21F



00CCBB



E675FF



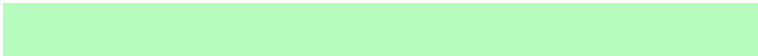
FF3696

Sweetspot

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



0AC21F



B6FCBE



B0C20A



548059



000000



808080

Same Dimension

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



0AC21F



00FC1D



0AC278



576158



00A112



002104

Inverse Universe

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



C20AAD



FC00E0



C20A54



615760



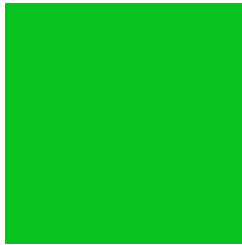
A1008E



21001D

Previews

White Background



This preview shows how the Hex color 0AC21F looks on a white background.

Color Contrast Check

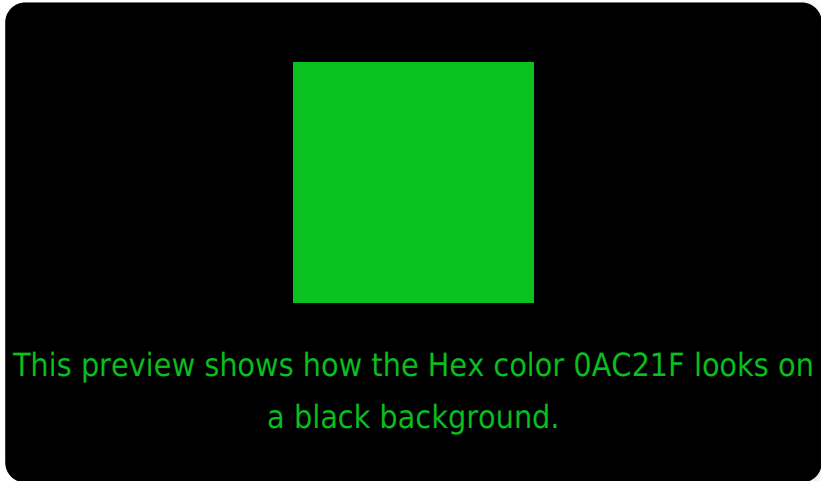
Large Text (above 18pt) WCAG AA × Fail

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 0AC21F Background



This preview shows how black text looks on a background with the Hex color 0AC21F.

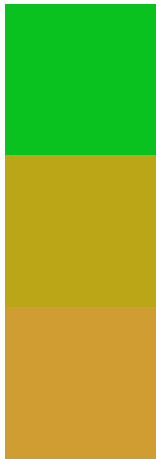


This preview shows how white text looks on a background with the Hex color 0AC21F.

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](#).

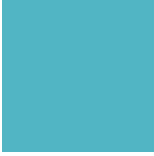
Dichromacy



Original Color
0AC21F

Protanopia
BBA617

Deuteranopia
D09D33



Tritanopia
51B5C3

Trichromacy



Original Color
0AC21F



Protanomaly
7BB01A



Deuteranomaly
88AA2C



Tritanomaly
37BA87

Monochromacy



Original Color
0AC21F



Achromatopsia
787878



Achromatomaly
509358

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC21F 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 #0AC21F looks like.

```
.text, #text, p{  
    color:#0AC21F  
}
```

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 #0AC21F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC21F
}
```

Border

The CSS property to change the border of an element to Hex 0AC21F 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".

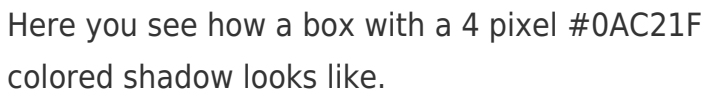
```
.border, #border, table{ border:4px solid
#0AC21F }
```

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

```
.border{ border-color:#0AC21F }
```

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

Here you see how a box with a 4 pixel #0AC21F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC21F; -webkit-box-shadow:4px 4px  
4px 4px #0AC21F; box-shadow:4px 4px 4px  
4px #0AC21F }
```

Background

The CSS property to change the background color of an element to Hex 0AC21F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC21F }
```

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

```
.background{ background-color:#0AC21F }
```

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