

Converting Colors

Hex(15C931)

Have a look what the booklet for
Hex(15C931) contains.

Hex(15C931)	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(15C931)

Conversions

Conversions Part 1

Format	Color
Hex	15C931
RGB	21, 201, 49
RGB Percent	8%, 79%, 19%
CMY	0.9176, 0.2118, 0.8078
CMYK	0.90, 0.00, 0.76, 0.21
HSL	129°, 81%, 44%
HSV	129°, 90%, 79%
XYZ	21.7503, 42.1545, 9.8960
YIQ	129.8520, -58.4880, -85.4320

Conversions

Conversions Part 2

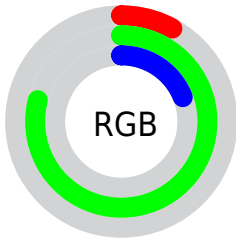
Format	Color
RYB	21, 177, 201
Decimal	1427761
CIELab	70.98, -69.07, 60.04
CIELCh	71, 91.519, 139.002
Yxy	42.1545, 0.2947, 0.5712
Android (android.graphics.Color)	4279617841 (0xFF15C931)
YUV	129.8520, -39.8600, -95.4632
Hunter-Lab	64.9265, -53.8241, 36.4116

Details

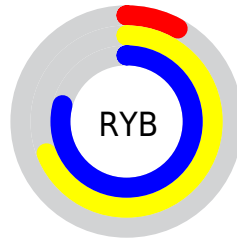
The Hex color **15C931** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C915AD**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6BFF69**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **01C920**, and if you desaturate by 10%, it is **29C942**.

Distribution



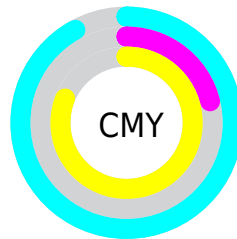
- Red (8%)
- Green (79%)
- Blue (19%)



- Red (8%)
- Yellow (69%)
- Blue (79%)



- Cyan (90%)
- Magenta (0%)
- Yellow (76%)
- Black (21%)



- Cyan (92%)
- Magenta (21%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C931 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 15C931 by changing the saturation by 10% instead.

 15C931

 15C931

FFFFFF

 00AD0B

 6BFF69

 009100

 8CFF85

 007600

 ABFFA1

 005C00

 CAFFBD

 004300

 E9FFDA

 002A00

 FFFFF7

 000700

 000000

 15C931

 15C931

■ 01C920

■ 29C942

■ 00C91F

■ 3DC953

■ 51C964

■ 65C975

■ 7AC986

■ 8EC997

■ A2C9A8

■ B6C9B9

■ CAC9CA

Harmonies

Analogous

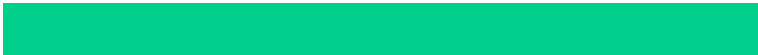
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FBA00



15C931



00D08B

Triad

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



15C931



00C1FF



FF4E7D

Complementary

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



15C931



C915AD

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.



FF4FD0



15C931



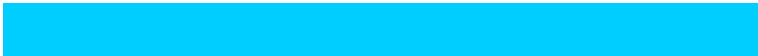
54A5FF

Square

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



15C931



00CEFF



F17BFF



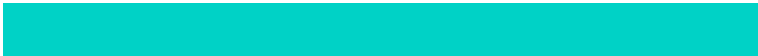
FF782C

Rectangle

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



15C931



00D2C6



F17BFF



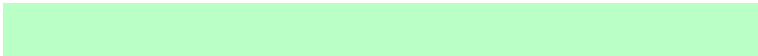
FF4798

Sweetspot

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



15C931



BAFFC5



AEC915



57805D



000000



808080

Same Dimension

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



15C931



00FF28



15C98A



5A635B



00A319



002406

Inverse Universe

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



C915AD



FF00D7



C91554



635A62



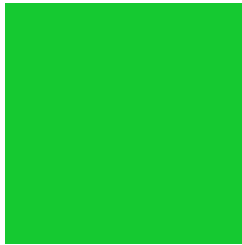
A3008A



24001E

Previews

White Background



This preview shows how the Hex color 15C931 looks on a white background.

Color Contrast Check

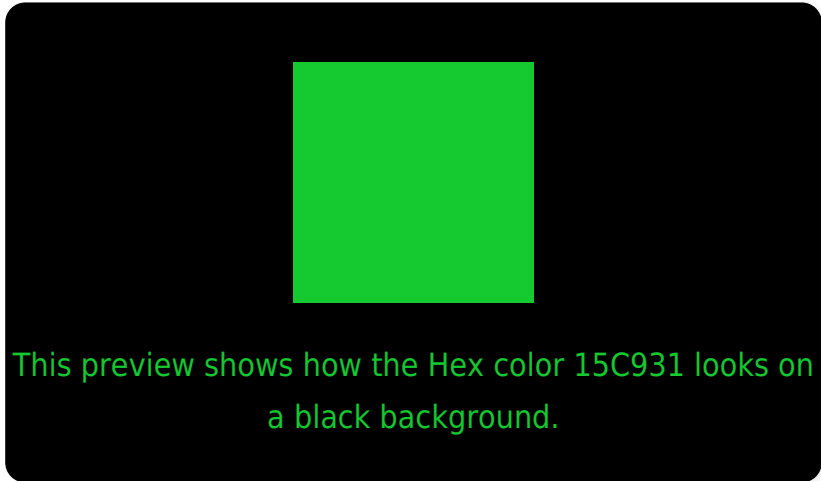
Large Text (above 18pt) WCAG AA × Fail

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 15C931 Background



This preview shows how black text looks on a background with the Hex color 15C931.

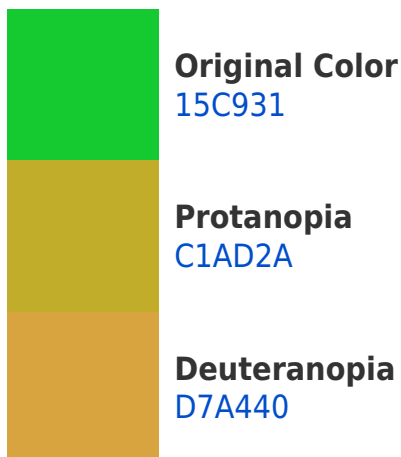


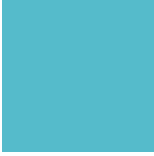
This preview shows how white text looks on a background with the Hex color 15C931.

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](#).

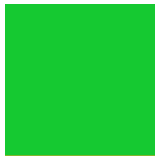
Dichromacy





Tritanopia
55BBCB

Trichromacy



Original Color
15C931



Protanomaly
82B72D



Deuteranomaly
90B13B



Tritanomaly
3EC093

Monochromacy



Original Color
15C931



Achromatopsia
828282



Achromatomaly
5A9C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C931 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 #15C931 looks like.

```
.text, #text, p{  
    color:#15C931  
}
```

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 #15C931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C931
}
```

Border

The CSS property to change the border of an element to Hex 15C931 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
#15C931 }
```

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

```
.border{ border-color:#15C931 }
```

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

Here you see how a box with a 4 pixel #15C931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C931; -webkit-box-shadow:4px 4px  
4px 4px #15C931; box-shadow:4px 4px 4px  
4px #15C931 }
```

Background

The CSS property to change the background color of an element to Hex 15C931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C931 }
```

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

```
.background{ background-color:#15C931 }
```

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