

Converting Colors

Hex(31CC00)

Have a look what the booklet for
Hex(31CC00) contains.

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Color

Hex(31CC00)

Conversions

Conversions Part 1

Format	Color
Hex	31CC00
RGB	49, 204, 0
RGB Percent	19%, 80%, 0%
CMY	0.8078, 0.2000, 1.0000
CMYK	0.76, 0.00, 1.00, 0.20
HSL	106°, 100%, 40%
HSV	106°, 100%, 80%
XYZ	22.8595, 43.8387, 7.2569
YIQ	134.3990, -26.8960, -96.3040

Conversions

Conversions Part 2

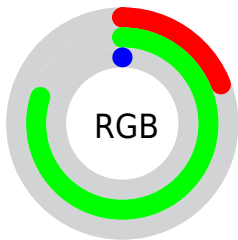
Format	Color
RYB	0, 204, 155
Decimal	3263488
CIELab	72.12, -68.89, 70.84
CIELCh	72, 98.815, 134.198
Yxy	43.8387, 0.3091, 0.5928
Android (android.graphics.Color)	4281453568 (0xFF31CC00)
YUV	134.3990, -66.2587, -74.8949
Hunter-Lab	66.2108, -54.2412, 39.8492

Details

The Hex color **31CC00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9B00CC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7AFF52**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **31CC00**, and if you desaturate by 10%, it is **41CC14**.

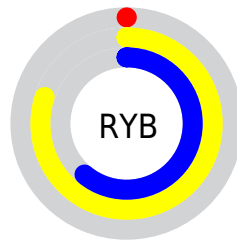
Distribution



Red (19%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (61%)

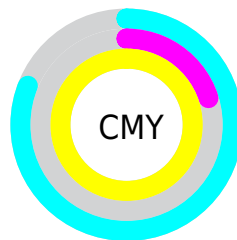


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (81%)


Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31CC00 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 31CC00 by changing the saturation by 10% instead.

 31CC00

 31CC00

FFFFFF

 00B000

 7AFF52

 009400

 99FF6F

 007900

 B8FF8B

 005F00

 D7FFA8

 004500

 F7FFC5

 002D00

 FFFFE2

 000E00

 000000

 31CC00

 41CC14

 50CC29

 60CC3D

 6FCC52

 7FCC66

 8ECC7A

 9ECC8F

 ADCCA3

 BDCCB8

Harmonies

Analogous

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



AEBA00



31CC00



00D57C

Triad

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



31CC00



00C9FF



FF398A

Complementary

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



31CC00



9B00CC

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.



FF48E4



31CC00



00AEFF

Square

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



31CC00



00D5FF



E781FF



FF6C32

Rectangle

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



31CC00



00D7BC



E781FF



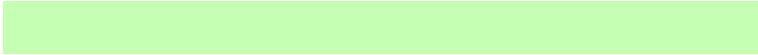
FF33A8

Sweetspot

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



31CC00



C5FFB3



CC9900



5D8052



000000



808080

Same Dimension

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



31CC00



3DFF00



00CC33



5E665C



28A600



092600

Inverse Universe

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



9B00CC



C200FF



CC0099



645C66



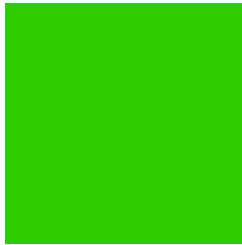
7E00A6



1D0026

Previews

White Background



This preview shows how the Hex color 31CC00 looks on a white background.

Color Contrast Check

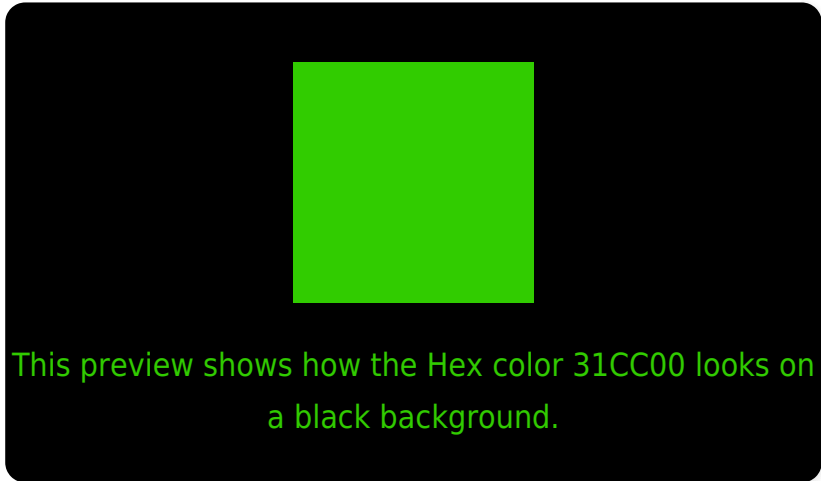
Large Text (above 18pt) WCAG AA × Fail

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

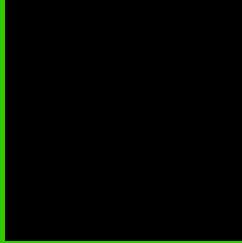
Any Text WCAG AA ✓ Pass

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 31CC00 Background



This preview shows how black text looks on a background with the Hex color 31CC00.

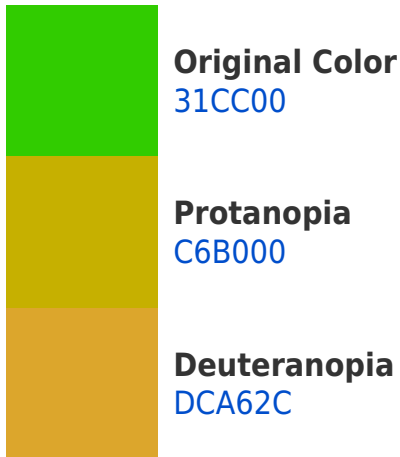


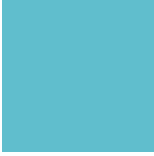
This preview shows how white text looks on a background with the Hex color 31CC00.

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](#).

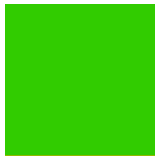
Dichromacy





Tritanopia
60BECD

Trichromacy



Original Color
31CC00



Protanomaly
90BA00



Deuteranomaly
9EB41C



Tritanomaly
4FC382

Monochromacy



Original Color
31CC00



Achromatopsia
868686



Achromatomaly
679F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 31CC00 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 #31CC00 looks like.

```
.text, #text, p{  
    color:#31CC00  
}
```

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 #31CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CC00
}
```

Border

The CSS property to change the border of an element to Hex 31CC00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

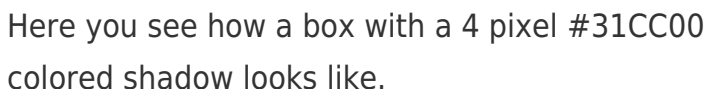
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31CC00 }
```

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

```
.border{ border-color:#31CC00 }
```

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



Here you see how a box with a 4 pixel `#31CC00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CC00; -webkit-box-shadow:4px 4px  
4px 4px #31CC00; box-shadow:4px 4px 4px  
4px #31CC00 }
```

Background

The CSS property to change the background color of an element to Hex 31CC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CC00 }
```

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

```
.background{ background-color:#31CC00 }
```

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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