

Converting Colors

Hex(31DF00)

Have a look what the booklet for
Hex(31DF00) contains.

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Color

Hex(31DF00)

Conversions

Conversions Part 1

Format	Color
Hex	31DF00
RGB	49, 223, 0
RGB Percent	19%, 87%, 0%
CMY	0.8078, 0.1255, 1.0000
CMYK	0.78, 0.00, 1.00, 0.13
HSL	107°, 100%, 44%
HSV	107°, 100%, 87%
XYZ	27.6543, 53.4283, 8.8552
YIQ	145.5520, -32.1210, -106.2410

Conversions

Conversions Part 2

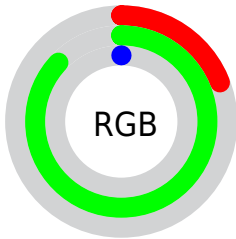
Format	Color
RYB	0, 223, 174
Decimal	3268352
CIELab	78.13, -74.40, 75.64
CIELCh	78, 106.098, 134.529
Yxy	53.4283, 0.3075, 0.5941
Android (android.graphics.Color)	4281458432 (0xFF31DF00)
YUV	145.5520, -71.7571, -84.6761
Hunter-Lab	73.0947, -60.3828, 43.9835

Details

The Hex color **31DF00** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **AE00DF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7EFF56**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **31DF00**, and if you desaturate by 10%, it is **42DF16**.

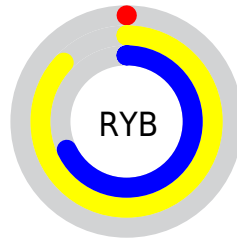
Distribution



Red (19%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (68%)

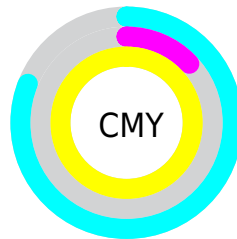


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (81%)


Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31DF00 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 31DF00 by changing the saturation by 10% instead.

 31DF00

 31DF00

FFFFFF

 00C200

 7EFF56

 00A600

 9FFF73

 008B00

 BEFF90

 007000

 DEFFAE

 005500

 FEFFCB

 003D00

 FFFF E9

 002300

 000000

 31DF00

 42DF16

 54DF2D

 65DF43

 77DF59

 88DF70

 99DF86

 ABDF9C

 BCDFB2

 CEDFC9

Harmonies

Analogous

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



BDCC00



31DF00



00E889

Triad

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



31DF00



00DBFF



FF3E96

Complementary

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



31DF00



AE00DF

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.



FF4EF8



31DF00



00BEFF

Square

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



31DF00



00E9FF



FE8CFF



FF7735

Rectangle

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



31DF00



00EBCE



FE8CFF



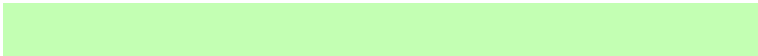
FF36B7

Sweetspot

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



31DF00



C3FFB3



DFAB00



5C8052



000000



808080

Same Dimension

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



31DF00



38FF00



00DF3B



677065



27B000



0B3000

Inverse Universe

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



AE00DF



C700FF



DF00A4



6E6570



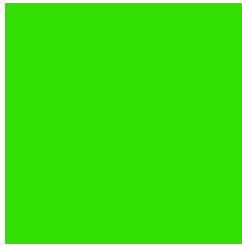
8900B0



260030

Previews

White Background



This preview shows how the Hex color 31DF00 looks on a white background.

Color Contrast Check

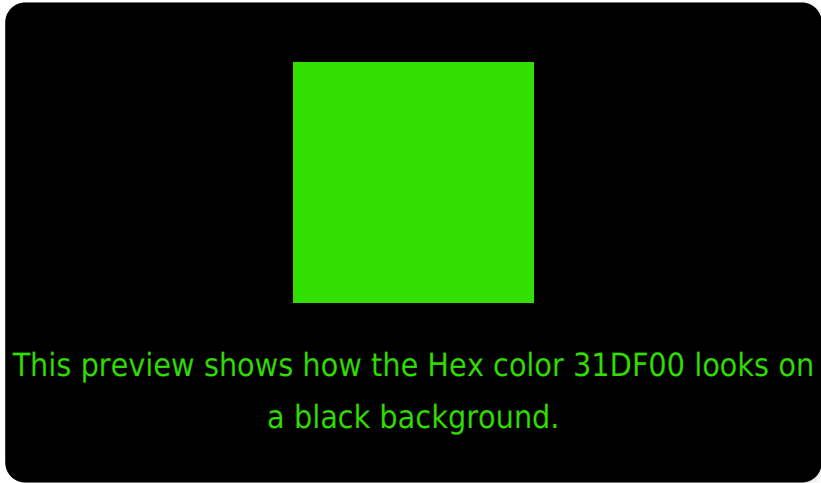
Large Text (above 18pt) WCAG AA × Fail

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

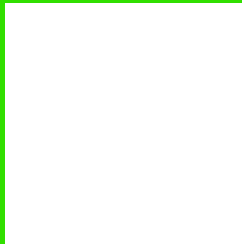
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31DF00 Background



This preview shows how black text looks on a background with the Hex color 31DF00.

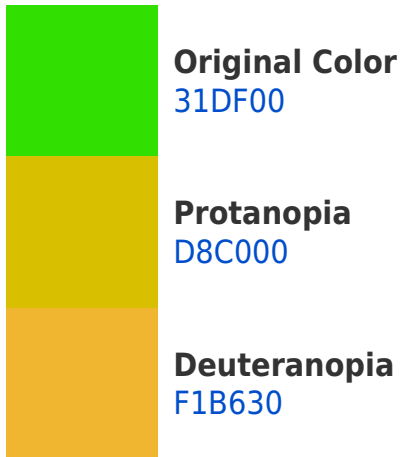


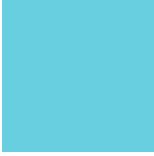
This preview shows how white text looks on a background with the Hex color 31DF00.

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](#).

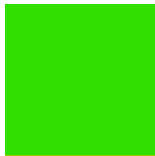
Dichromacy





Tritanopia
67CFE0

Trichromacy



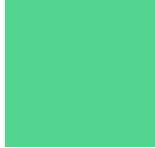
Original Color
31DF00



Protanomaly
9BCB00



Deuteranomaly
ABC51F



Tritanomaly
53D58F

Monochromacy



Original Color
31DF00



Achromatopsia
929292



Achromatomaly
6FAE5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31DF00 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 #31DF00 looks like.

```
.text, #text, p{  
    color:#31DF00  
}
```

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 #31DF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31DF00
}
```

Border

The CSS property to change the border of an element to Hex 31DF00 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
#31DF00 }
```

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

```
.border{ border-color:#31DF00 }
```

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

Here you see how a box with a 4 pixel #31DF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31DF00; -webkit-box-shadow:4px 4px  
4px 4px #31DF00; box-shadow:4px 4px 4px  
4px #31DF00 }
```

Background

The CSS property to change the background color of an element to Hex 31DF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31DF00 }
```

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

```
.background{ background-color:#31DF00 }
```

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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