

Converting Colors

Hex(31F000)

Have a look what the booklet for
Hex(31F000) contains.

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Color

Hex(31F000)

Conversions

Conversions Part 1

Format	Color
Hex	31F000
RGB	49, 240, 0
RGB Percent	19%, 94%, 0%
CMY	0.8078, 0.0588, 1.0000
CMYK	0.80, 0.00, 1.00, 0.06
HSL	108°, 100%, 47%
HSV	108°, 100%, 94%
XYZ	32.4267, 62.9731, 10.4460
YIQ	155.5310, -36.7960, -115.1320

Conversions

Conversions Part 2

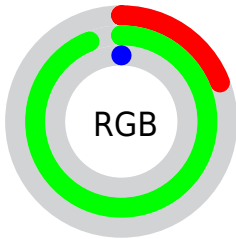
Format	Color
RYB	0, 240, 191
Decimal	3272704
CIELab	83.43, -79.20, 79.87
CIELCh	83, 112.478, 134.757
Yxy	62.9731, 0.3064, 0.5950
Android (android.graphics.Color)	4281462784 (0xFF31F000)
YUV	155.5310, -76.6768, -93.4277
Hunter-Lab	79.3556, -65.9327, 47.7443

Details

The Hex color **31F000** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **BF00F0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **82FF59**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **31F000**, and if you desaturate by 10%, it is **44F018**.

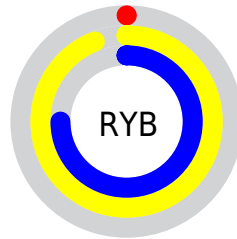
Distribution



Red (19%)

Green (94%)

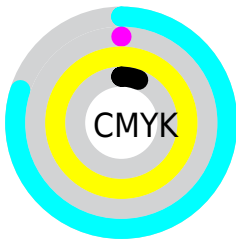
Blue (0%)



Red (0%)

Yellow (94%)

Blue (75%)

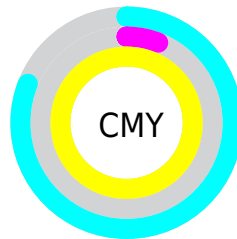


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (81%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31F000 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 31F000 by changing the saturation by 10% instead.

 31F000

 31F000


FFFFFF

 00D300

 82FF59

 00B600

 A3FF78

 009A00

 C4FF95

 007F00

 E4FFB3

 006400

 FFFFD0

 004A00

 FFFFEE

 003100

 001400

 000000

 31F000

 44F018

 57F030

 6AF048

 7DF060

 90F078

 A4F090

 B7F0A8

 CAF0C0

 DDF0D8

Harmonies

Analogous

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



CADB00



31F000



00FA94

Triad

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



31F000



00ECFF



FF42A1

Complementary

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



FF0000



0000FF

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.



FF53FF



31F000



00CCFF

Square

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



31F000



00FAFF



FF96FF



FF8038

Rectangle

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



31F000



00FDDF



FF96FF



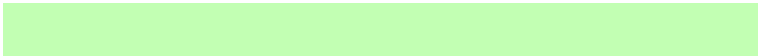
FF39C4

Sweetspot

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



31F000



C2FFB3



F0BC00



5B8052



000000



808080

Same Dimension

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



31F000



34FF00



00F044



6E786C



25B800



0B3800

Inverse Universe

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



BF00F0



CB00FF



F000AC



756C78



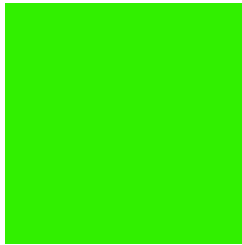
9200B8



2D0038

Previews

White Background



This preview shows how the Hex color 31F000 looks on a white background.

Color Contrast Check

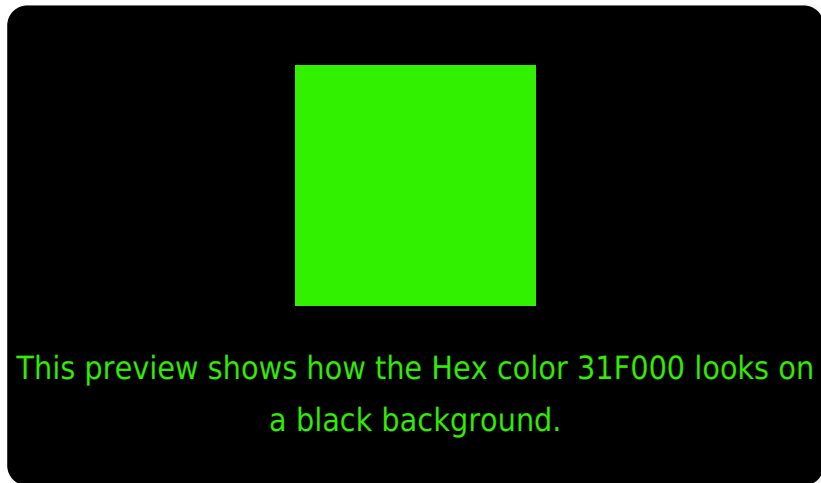
Large Text (above 18pt) WCAG AA × Fail

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 31F000 Background



This preview shows how black text looks on a background with the Hex color 31F000.

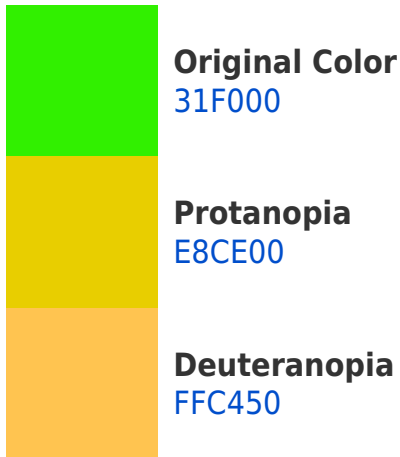


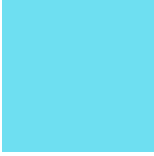
This preview shows how white text looks on a background with the Hex color 31F000.

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](#).

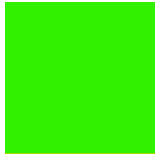
Dichromacy





Tritanopia
6EDFF1

Trichromacy



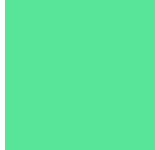
Original Color
31F000



Protanomaly
A5DA00

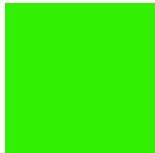


Deuteranomaly
B4D433



Tritanomaly
58E599

Monochromacy



Original Color
31F000



Achromatopsia
9C9C9C



Achromatomaly
75BB63

CSS Examples

Text

The CSS property to change the color of the text to Hex 31F000 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 #31F000 looks like.

```
.text, #text, p{  
    color:#31F000  
}
```

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 #31F000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31F000
}
```

Border

The CSS property to change the border of an element to Hex 31F000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

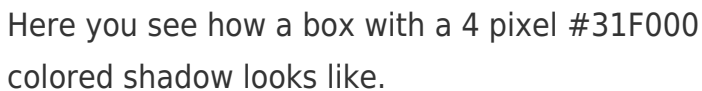
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31F000 }
```

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

```
.border{ border-color:#31F000 }
```

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



Here you see how a box with a 4 pixel #31F000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31F000; -webkit-box-shadow:4px 4px  
4px 4px #31F000; box-shadow:4px 4px 4px  
4px #31F000 }
```

Background

The CSS property to change the background color of an element to Hex 31F000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31F000 }
```

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

```
.background{ background-color:#31F000 }
```

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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