

# Converting Colors

Hex(31FF3C)

Have a look what the booklet for  
Hex(31FF3C) contains.

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**Color**

**Hex(31FF3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31FF3C
RGB	49, 255, 60
RGB Percent	19%, 100%, 24%
CMY	0.8078, 0.0000, 0.7647
CMYK	0.81, 0.00, 0.76, 0.00
HSL	123°, 100%, 60%
HSV	123°, 81%, 100%
XYZ	37.8422, 72.4992, 16.2742
YIQ	171.1760, -60.1810, -104.3170

# Conversions

## Conversions Part 2

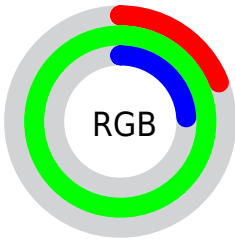
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 245, 255
Decimal	3276604
CIELab	88.21, -81.34, 73.53
CIELCh	88, 109.650, 137.888
Yxy	72.4992, 0.2989, 0.5726
Android (android.graphics.Color)	4281466684 (0xFF31FF3C)
YUV	171.1760, -54.8098, -107.1484
Hunter-Lab	85.1465, -69.6743, 48.2703

# Details

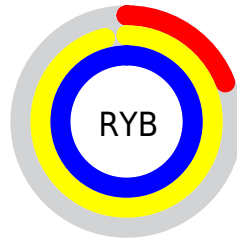
The Hex color **31FF3C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FF31F4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **84FF78**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **18FF24**, and if you desaturate by 10%, it is **4BFF54**.

# Distribution



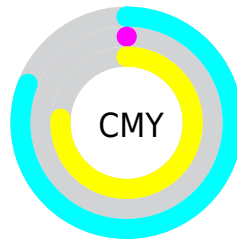
- Red (19%)
- Green (100%)
- Blue (24%)



- Red (19%)
- Yellow (96%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31FF3C 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 31FF3C by changing the saturation by 10% instead.



 31FF3C

 31FF3C

FFFFFF

 00E113

 84FF78

 00C400

 A6FF95

 00A800

 C6FFB2

 008C00

 E7FFD0

 007100

 FFFFED

 005700

 003E00

 002300

 000000

 31FF3C

 31FF3C


 18FF24

 4BFF54

 00FF0E

 64FF6C

 7EFF84

 97FF9D

 B1FFB5

 CAFFCD

 E4FFE5

 FDFFFD

FFFFFF

# Harmonies

## Analogous

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



CFEB00



31FF3C



00FFAE

# Triad

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



31FF3C



00F6FF



FF64A4

# Complementary

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



31FF3C



FF31F4

# 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.



FF68FF



31FF3C



5BD4FF

# Square

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



31FF3C



00FFFF



FFA0FF



FF983F

# Rectangle

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



31FF3C



00FFF7



FFA0FF



FF5CC6

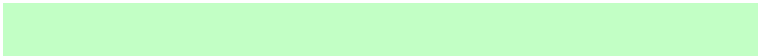


# Sweetspot

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



31FF3C



C2FFC5



F5FF31



5B805C



000000



808080



# Same Dimension

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



31FF3C



08FF15



31FFA2



738073



00BF0A



004003



# Inverse Universe

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



FF31F4



FF08F2



FF318E



80737F



BF00B5

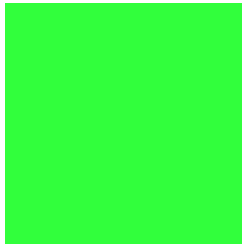


40003C



# Previews

## White Background



This preview shows how the Hex color 31FF3C 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



This preview shows how the Hex color 31FF3C looks on a 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 31FF3C Background



This preview shows how black text looks on a background with the Hex color 31FF3C.

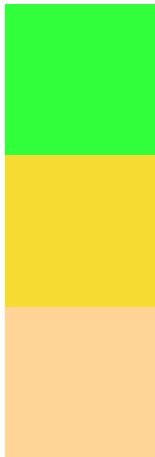


This preview shows how white text looks on a background with the Hex color 31FF3C.

# 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](#).

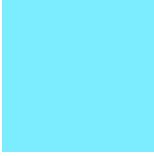
## Dichromacy



**Original Color**  
E67E22

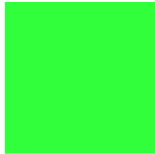
**Protanopia**  
F6DB33

**Deuteranopia**  
FFD499



**Tritanopia**  
7BEDFF

# Trichromacy



**Original Color**  
31FF3C



**Protanomaly**  
AEE836

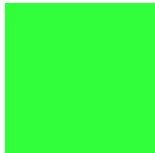


**Deuteranomaly**  
B4E475

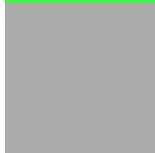


**Tritanomaly**  
60F4B8

# Monochromacy



**Original Color**  
31FF3C



**Achromatopsia**  
ABABAB



**Achromatomaly**  
7FCA83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31FF3C 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 #31FF3C looks like.

```
.text, #text, p{  
    color:#31FF3C  
}
```

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 #31FF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31FF3C
}
```

## Border

The CSS property to change the border of an element to Hex 31FF3C 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
#31FF3C }
```

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

```
.border{ border-color:#31FF3C }
```

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

Here you see how a box with a 4 pixel #31FF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31FF3C; -webkit-box-shadow:4px 4px  
4px 4px #31FF3C; box-shadow:4px 4px 4px  
4px #31FF3C }
```

# Background

The CSS property to change the background color of an element to Hex 31FF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31FF3C }
```

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

```
.background{ background-color:#31FF3C }
```

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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