

# Converting Colors

Hex(31F5FF)

Have a look what the booklet for  
Hex(31F5FF) contains.

<b>Hex(31F5FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(31F5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31F5FF
RGB	49, 245, 255
RGB Percent	19%, 96%, 100%
CMY	0.8078, 0.0392, 0.0000
CMYK	0.81, 0.04, 0.00, 0.00
HSL	183°, 100%, 60%
HSV	183°, 81%, 100%
XYZ	51.9690, 73.1778, 105.9934
YIQ	187.5360, -120.0260, -38.4420

# Conversions

## Conversions Part 2

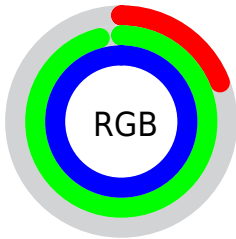
Format	Color
R <sub>Y</sub> B	49, 149, 255
Decimal	3274239
CIE Lab	88.53, -41.71, -17.99
CIE LCh	89, 45.426, 203.325
Yxy	73.1778, 0.2248, 0.3166
Android (android.graphics.Color)	4281464319 (0xFF31F5FF)
YUV	187.5360, 33.2598, -121.4961
Hunter-Lab	85.5440, -41.2611, -13.5825

# Details

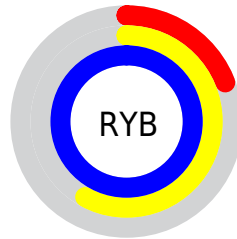
The Hex color **31F5FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3B31**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **85FFFF**, and **00BCC6** is the 20% darker color. If you saturate the color by 10%, you get **18F4FF**, and if you desaturate by 10%, it is **4BF6FF**.

# Distribution



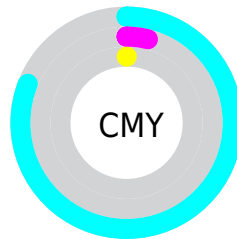
- Red (19%)
- Green (96%)
- Blue (100%)



- Red (19%)
- Yellow (58%)
- Blue (100%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31F5FF 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 31F5FF by changing the saturation by 10% instead.



 31F5FF

 31F5FF

FFFFFF

 00D8E2

 85FFFF

 00BCC6

 A6FFFF

 00A1AB

 C7FFFF

 008691

 E7FFFF

 006C77

 00535E

 003B47

 002630

 00011C

 31F5FF

 31F5FF

 18F4FF

 4BF6FF

 00F3FF

 64F7FF

 7EF9FF

 97FAFF

 B1FBFF

 CAFCFF

 E4FEFF

FDFFFF

FFFFFF

# Harmonies

## Analogous

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



6DF5D3



31F5FF



43F0FF

# Triad

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



31F5FF



FFC7FF



FFD888

# Complementary

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



31F5FF



FF3B31

# 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.



FFC99A



31F5FF



FFBDEA

# Square

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



31F5FF



D5D7FF



FFBEBE



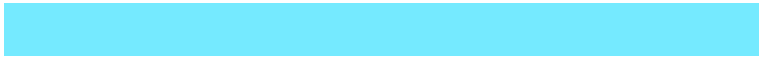
D8E68D

# Rectangle

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



31F5FF



75EAFF



FFBEBE



FFD38C



# Sweetspot

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



31F5FF



C2FCFF



31FF38



5B7E80



000000



808080



# Same Dimension

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



31F5FF



08F3FF



3191FF



737F80



00B6BF



003D40



# Inverse Universe

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



FF31F5



FF08F3



FF9F31



80737F



BF00B6

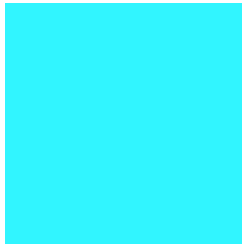


40003D



# Previews

## White Background



This preview shows how the Hex color 31F5FF looks on a white background.

## Color Contrast Check

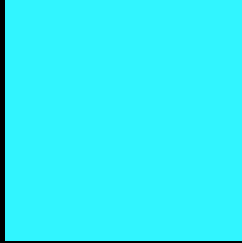
Large Text (above 18pt) WCAG AA × Fail

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 31F5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

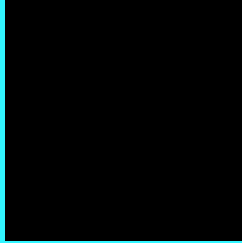
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 31F5FF Background



This preview shows how black text looks on a background with the Hex color 31F5FF.

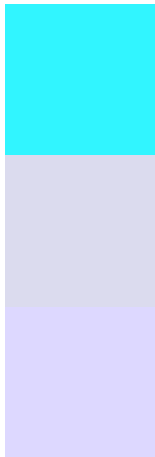


This preview shows how white text looks on a background with the Hex color 31F5FF.

# 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](#).

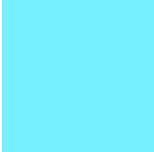
## Dichromacy



**Original Color**  
31F5FF

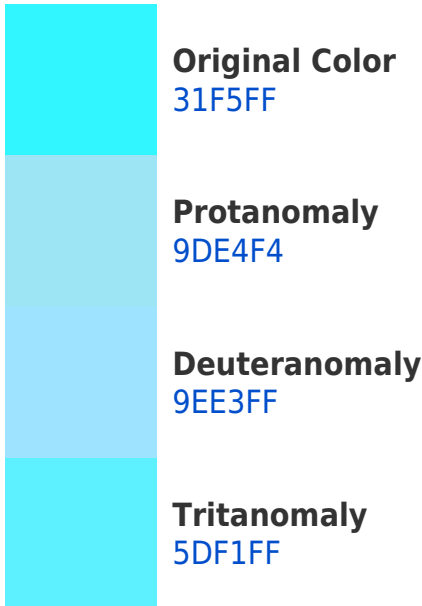
**Protanopia**  
DBDBEE

**Deuteranopia**  
DDD8FF

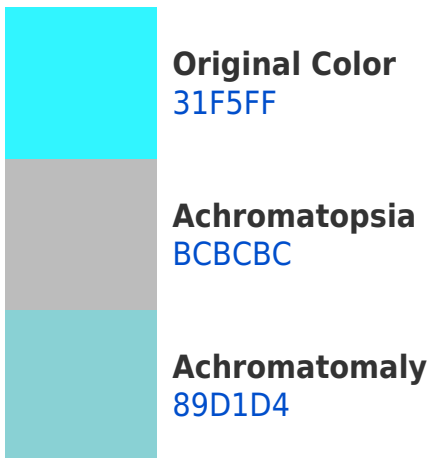


**Tritanopia**  
76EFFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31F5FF 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 #31F5FF looks like.

```
.text, #text, p{  
    color:#31F5FF  
}
```

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 #31F5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31F5FF
}
```

## Border

The CSS property to change the border of an element to Hex 31F5FF 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
#31F5FF }
```

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

```
.border{ border-color:#31F5FF }
```

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

Here you see how a box with a 4 pixel #31F5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31F5FF; -webkit-box-shadow:4px 4px  
4px 4px #31F5FF; box-shadow:4px 4px 4px  
4px #31F5FF }
```

# Background

The CSS property to change the background color of an element to Hex 31F5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31F5FF }
```

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

```
.background{ background-color:#31F5FF }
```

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