

# Converting Colors

Hex(31C1F7)

Have a look what the booklet for  
Hex(31C1F7) contains.

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**Color**

**Hex(31C1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31C1F7
RGB	49, 193, 247
RGB Percent	19%, 76%, 97%
CMY	0.8078, 0.2431, 0.0314
CMYK	0.80, 0.22, 0.00, 0.03
HSL	196°, 93%, 58%
HSV	196°, 80%, 97%
XYZ	37.1251, 45.5083, 94.8230
YIQ	156.1000, -103.1580, -13.7340

# Conversions

## Conversions Part 2

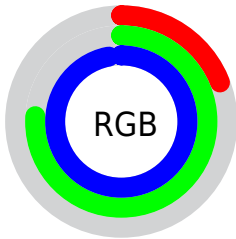
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 132, 247
Decimal	3260919
CIELab	73.23, -19.10, -37.15
CIELCh	73, 41.776, 242.796
Yxy	45.5083, 0.2092, 0.2564
Android (android.graphics.Color)	4281450999 (0xFF31C1F7)
YUV	156.1000, 44.8137, -93.9267
Hunter-Lab	67.4598, -19.8210, -36.1174

# Details

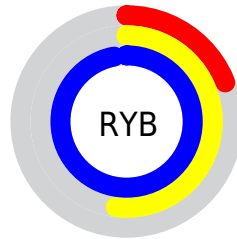
The Hex color **31C1F7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F76731**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7EFAFF**, and **008BBE** is the 20% darker color. If you saturate the color by 10%, you get **18BAF7**, and if you desaturate by 10%, it is **4AC8F7**.

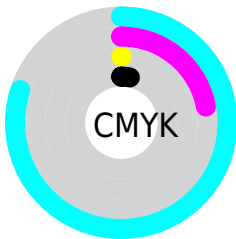
# Distribution



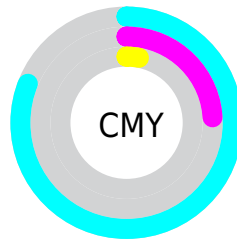
- Red (19%)
- Green (76%)
- Blue (97%)



- Red (19%)
- Yellow (52%)
- Blue (97%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (81%)
- Magenta (24%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31C1F7 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 31C1F7 by changing the saturation by 10% instead.



 31C1F7

 31C1F7

FFFFFF

 00A6DA

 7EFAFF

 008BBE

 9FFFFFF

 0072A3

 BEFFFF

 005989

 DEFFFF

 00426F

 FDFFFF

 002C56

 00173F

 000328

 000112

 31C1F7

 31C1F7

 18BAF7

 4AC8F7

 00B4F7

 62CEF7

 7BD5F7

 94DCF7

 ADE3F7

 C5E9F7

 DEF0F7

 F7F7F7

 FFFE7

# Harmonies

## Analogous

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



00C7DC



31C1F7



80B6FF

# Triad

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



31C1F7



FC95B2



A1BE72

# Complementary

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



31C1F7



F76731

# 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.



C9B366



31C1F7



FB9A8C

# Square

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



31C1F7



E79CD7



E9A570



72C590

# Rectangle

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



31C1F7



AAADFA



E9A570



AFBA6C

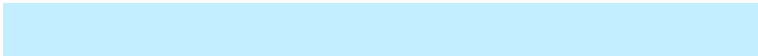


# Sweetspot

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



31C1F7



C2EEFF



31F766



5B7580



000000



808080

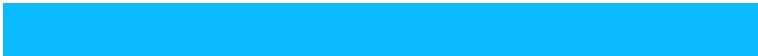


# Same Dimension

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



31C1F7



0ABCFF



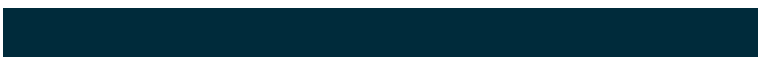
315FF7



6E777A



0087BA



002B3B



# Inverse Universe

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



F731C1



FF0ABC



F7C931



7A6E77



BA0087

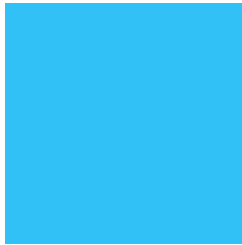


3B002B



# Previews

## White Background



This preview shows how the Hex color 31C1F7 looks on a white background.

## Color Contrast Check

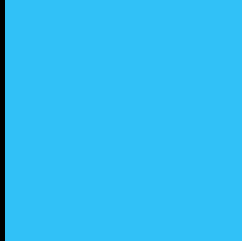
Large Text (above 18pt) WCAG AA × Fail

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 31C1F7 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

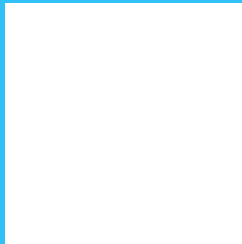
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 31C1F7 Background



This preview shows how black text looks on a background with the Hex color 31C1F7.

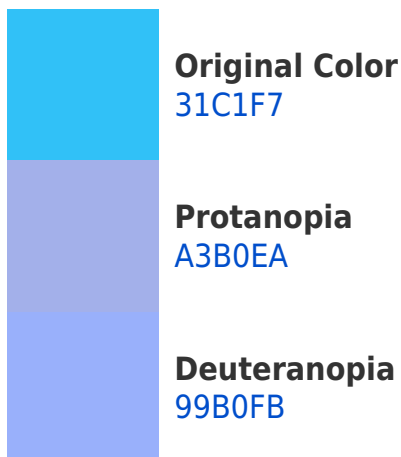


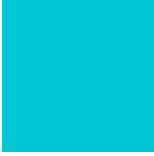
This preview shows how white text looks on a background with the Hex color 31C1F7.

# 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](#).

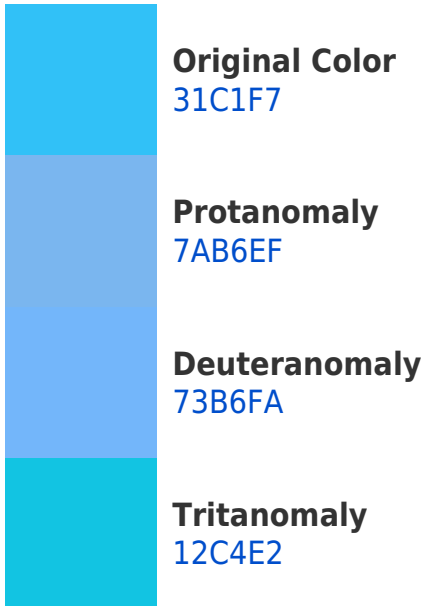
## Dichromacy



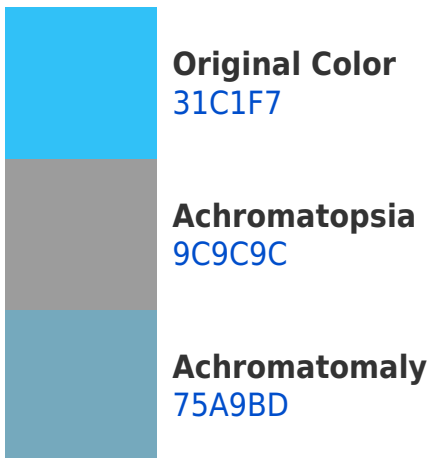


**Tritanopia**  
00C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31C1F7 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 #31C1F7 looks like.

```
.text, #text, p{  
    color:#31C1F7  
}
```

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 #31C1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C1F7
}
```

## Border

The CSS property to change the border of an element to Hex 31C1F7 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
#31C1F7 }
```

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

```
.border{ border-color:#31C1F7 }
```

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

Here you see how a box with a 4 pixel #31C1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C1F7; -webkit-box-shadow:4px 4px  
4px 4px #31C1F7; box-shadow:4px 4px 4px  
4px #31C1F7 }
```

# Background

The CSS property to change the background color of an element to Hex 31C1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C1F7 }
```

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

```
.background{ background-color:#31C1F7 }
```

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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