

Converting Colors

Hex(31A1FF)

Have a look what the booklet for
Hex(31A1FF) contains.

Hex(31A1FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31A1FF)

Conversions

Conversions Part 1

Format	Color
Hex	31A1FF
RGB	49, 161, 255
RGB Percent	19%, 63%, 100%
CMY	0.8078, 0.3686, 0.0000
CMYK	0.81, 0.37, 0.00, 0.00
HSL	207°, 100%, 60%
HSV	207°, 81%, 100%
XYZ	32.0615, 33.3627, 99.3576
YIQ	138.2280, -96.9260, 5.4900

Conversions

Conversions Part 2

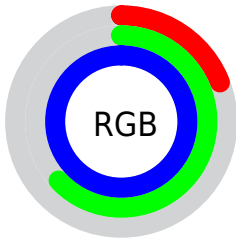
Format	Color
R _Y B	49, 122, 255
Decimal	3252735
CIE Lab	64.45, 1.28, -55.28
CIE LCh	64, 55.291, 271.322
Yxy	33.3627, 0.1946, 0.2025
Android (android.graphics.Color)	4281442815 (0xFF31A1FF)
YUV	138.2280, 57.5686, -78.2530
Hunter-Lab	57.7605, -1.9996, -61.5563

Details

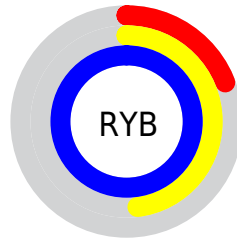
The Hex color **31A1FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8F31**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7ED7FF**, and **006EC6** is the 20% darker color. If you saturate the color by 10%, you get **1895FF**, and if you desaturate by 10%, it is **4BADFF**.

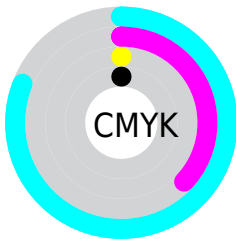
Distribution



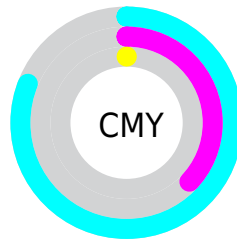
- Red (19%)
- Green (63%)
- Blue (100%)



- Red (19%)
- Yellow (48%)
- Blue (100%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A1FF 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 31A1FF by changing the saturation by 10% instead.

 31A1FF

 31A1FF

FFFFFF

 0087E2

 7ED7FF

 006EC6

 9FF4FF

 0056AA

 BFFFFFF

 00408F

 DEFFFF

 002B75

FEFFFF

 00175C

 000743

 00032C

 000117

■ 31A1FF

■ 31A1FF

■ 1895FF

■ 4BADFF

■ 008BFF

■ 64B8FF

■ 7EC4FF

■ 97D0FF

■ B1DBFF

■ CAE7FF

■ E4F2FF

■ FDFEFF

FFFFFF

Harmonies

Analogous

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



00AEF2



31A1FF



A18EF1

Triad

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



31A1FF



F4766C



3CB16B

Complementary

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



31A1FF



FF8F31

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.



83A843



31A1FF



DC8845

Square

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



31A1FF



F5709C



B59A33



00B49D

Rectangle

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



31A1FF



CB81DB



B59A33



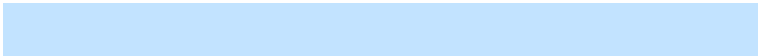
59AF5C

Sweetspot

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



31A1FF



C2E3FF



31FF8E



5B6F80



000000



808080

Same Dimension

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



31A1FF



088EFF



313BFF



737A80



0068BF



002340

Inverse Universe

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



FF31A1



FF088E



FFF531



80737A



BF0068



400023

Previews

White Background



This preview shows how the Hex color 31A1FF looks on a white background.

Color Contrast Check

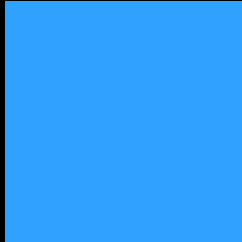
Large Text (above 18pt) WCAG AA × Fail

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 31A1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

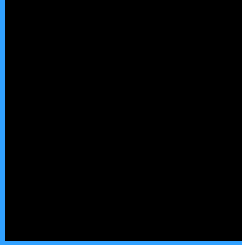
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

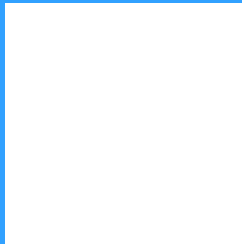
Any Text WCAG AAA ✓ Pass

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

Hex 31A1FF Background



This preview shows how black text looks on a background with the Hex color 31A1FF.



This preview shows how white text looks on a background with the Hex color 31A1FF.

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](#).

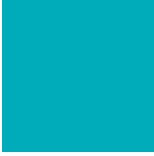
Dichromacy



Original Color
31A1FF

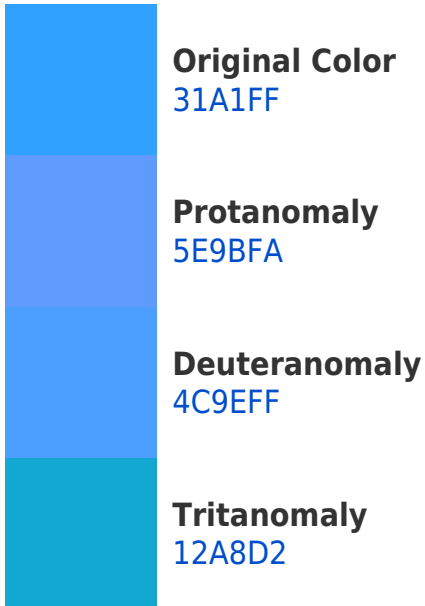
Protanopia
7798F7

Deuteranopia
5B9CFF

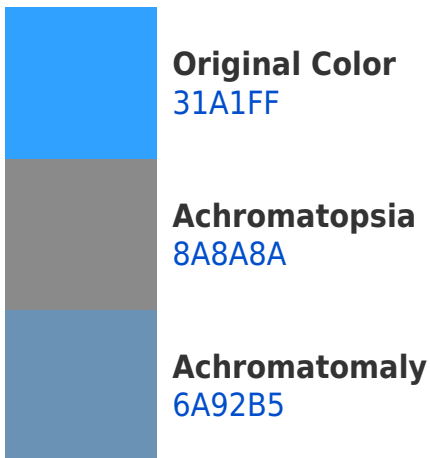


Tritanopia
00ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A1FF 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 #31A1FF looks like.

```
.text, #text, p{  
    color:#31A1FF  
}
```

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 #31A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A1FF
}
```

Border

The CSS property to change the border of an element to Hex 31A1FF 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
#31A1FF }
```

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

```
.border{ border-color:#31A1FF }
```

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

Here you see how a box with a 4 pixel #31A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A1FF; -webkit-box-shadow:4px 4px  
4px 4px #31A1FF; box-shadow:4px 4px 4px  
4px #31A1FF }
```

Background

The CSS property to change the background color of an element to Hex 31A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A1FF }
```

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

```
.background{ background-color:#31A1FF }
```

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