

Converting Colors

Hex(31A2FF)

Have a look what the booklet for
Hex(31A2FF) contains.

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Color

Hex(31A2FF)

Conversions

Conversions Part 1

Format	Color
Hex	31A2FF
RGB	49, 162, 255
RGB Percent	19%, 64%, 100%
CMY	0.8078, 0.3647, 0.0000
CMYK	0.81, 0.36, 0.00, 0.00
HSL	207°, 100%, 60%
HSV	207°, 81%, 100%
XYZ	32.2370, 33.7136, 99.4161
YIQ	138.8150, -97.2010, 4.9670

Conversions

Conversions Part 2

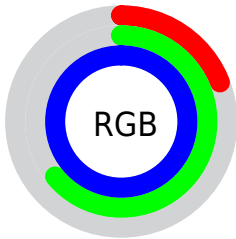
Format	Color
R _Y B	49, 122, 255
Decimal	3252991
CIE Lab	64.73, 0.70, -54.83
CIE LCh	65, 54.834, 270.729
Yxy	33.7136, 0.1949, 0.2039
Android (android.graphics.Color)	4281443071 (0xFF31A2FF)
YUV	138.8150, 57.2792, -78.7678
Hunter-Lab	58.0634, -2.5074, -60.8718

Details

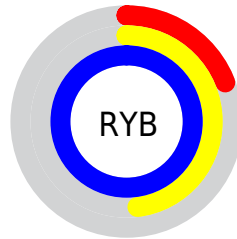
The Hex color **31A2FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8E31**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7ED8FF**, and **006FC6** is the 20% darker color. If you saturate the color by 10%, you get **1896FF**, and if you desaturate by 10%, it is **4BAEFF**.

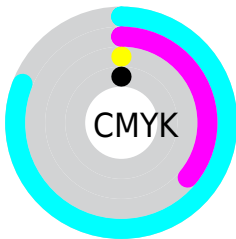
Distribution



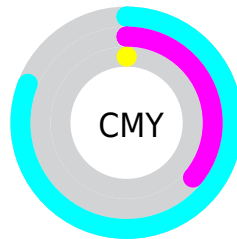
- Red (19%)
- Green (64%)
- Blue (100%)



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



- Cyan (81%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A2FF 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 31A2FF by changing the saturation by 10% instead.

 31A2FF

 31A2FF

FFFFFF

 0088E2

 7ED8FF

 006FC6

 9FF5FF

 0057AA

 BFFFFFF

 00408F

 DEFFFF

 002B75

FEFFFF

 00185C

 000743

 00032C

 000117

■ 31A2FF

■ 31A2FF

■ 1896FF

■ 4BAEFF

■ 008CFF

■ 64B9FF

■ 7EC5FF

■ 97D0FF

■ B1DCFF

■ CAE7FF

■ E4F3FF

■ FDFEFF

■ FFFFFFFF

Harmonies

Analogous

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



00AEF2



31A2FF



A090F2

Triad

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



31A2FF



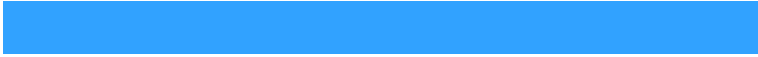
F4776E



40B16B

Complementary

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



31A2FF



FF8E31

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.



85A944



31A2FF



DE8947

Square

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



31A2FF



F5719E



B79B35



00B59D

Rectangle

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



31A2FF



CA82DC



B79B35



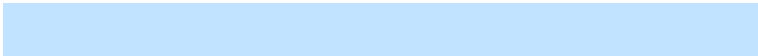
5CAF5C

Sweetspot

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



31A2FF



C2E3FF



31FF8E



5B6F80



000000



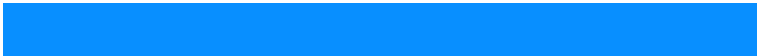
808080

Same Dimension

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



31A2FF



088FFF



313BFF



737A80



0069BF



002340

Inverse Universe

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



FF31A2



FF088F



FFF531



80737A



BF0069



400023

Previews

White Background



This preview shows how the Hex color 31A2FF looks on a white background.

Color Contrast Check

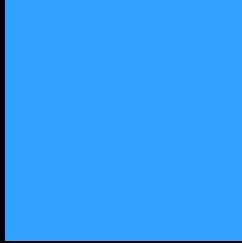
Large Text (above 18pt) WCAG AA × Fail

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 31A2FF 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

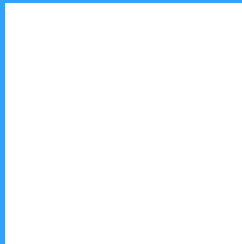
Any Text WCAG AAA ✓ Pass

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

Hex 31A2FF Background



This preview shows how black text looks on a background with the Hex color 31A2FF.

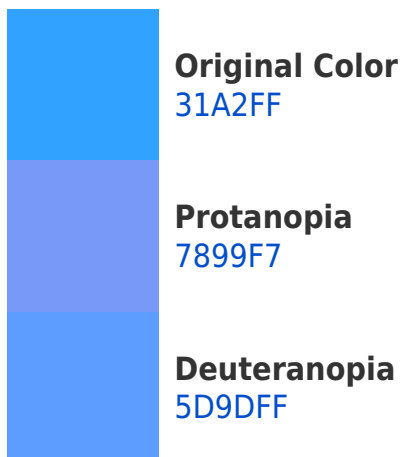


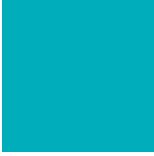
This preview shows how white text looks on a background with the Hex color 31A2FF.

Color Blindness Simulation

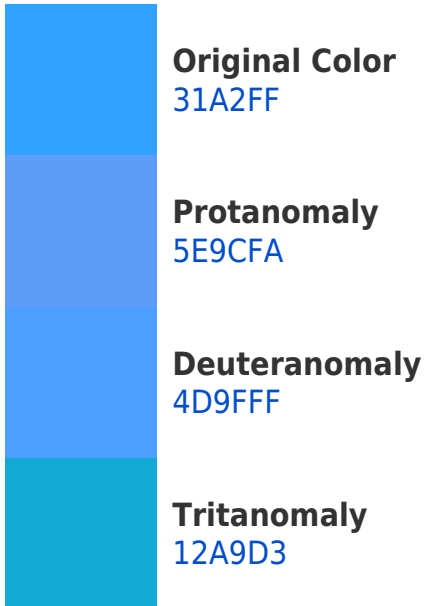
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

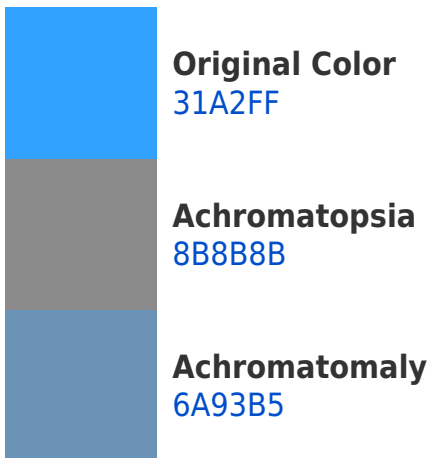




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A2FF 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 #31A2FF looks like.

```
.text, #text, p{  
    color:#31A2FF  
}
```

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 #31A2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A2FF
}
```

Border

The CSS property to change the border of an element to Hex 31A2FF 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
#31A2FF }
```

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

```
.border{ border-color:#31A2FF }
```

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

Here you see how a box with a 4 pixel #31A2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A2FF; -webkit-box-shadow:4px 4px  
4px 4px #31A2FF; box-shadow:4px 4px 4px  
4px #31A2FF }
```

Background

The CSS property to change the background color of an element to Hex 31A2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A2FF }
```

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

```
.background{ background-color:#31A2FF }
```

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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