

Converting Colors

Hex(31A2F6)

Have a look what the booklet for
Hex(31A2F6) contains.

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Color

Hex(31A2F6)

Conversions

Conversions Part 1

Format	Color
Hex	31A2F6
RGB	49, 162, 246
RGB Percent	19%, 64%, 96%
CMY	0.8078, 0.3647, 0.0353
CMYK	0.80, 0.34, 0.00, 0.04
HSL	206°, 92%, 58%
HSV	206°, 80%, 96%
XYZ	30.8215, 33.1474, 91.9624
YIQ	137.7890, -94.3120, 2.1680

Conversions

Conversions Part 2

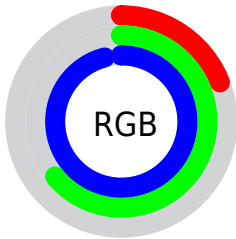
Format	Color
R _{YB}	49, 121, 246
Decimal	3252982
CIE Lab	64.28, -2.52, -50.64
CIE LCh	64, 50.700, 267.148
Yxy	33.1474, 0.1977, 0.2126
Android (android.graphics.Color)	4281443062 (0xFF31A2F6)
YUV	137.7890, 53.3480, -77.8680
Hunter-Lab	57.5738, -5.1962, -54.4020

Details

The Hex color **31A2F6** 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 **F68531**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7DD9FF**, and **006FBD** is the 20% darker color. If you saturate the color by 10%, you get **1898F6**, and if you desaturate by 10%, it is **4AACF6**.

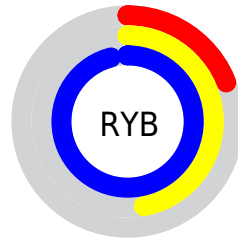
Distribution



Red (19%)

Green (64%)

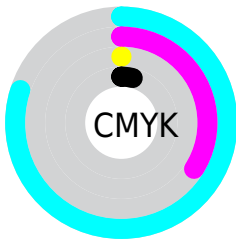
Blue (96%)



Red (19%)

Yellow (47%)

Blue (96%)

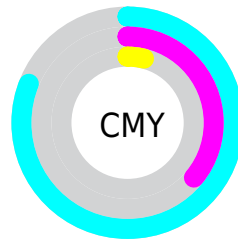


Cyan (80%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (81%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A2F6 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 31A2F6 by changing the saturation by 10% instead.

 31A2F6

 31A2F6

FFFFFF

 0088D9

 7DD9FF

 006FBD

 9DF5FF

 0057A2

 BCFFFF

 004087

 DBFFFF

 002B6D

 FBFFFF

 001754

 00063D

 000226

 00010F

■ 31A2F6

■ 31A2F6

■ 1898F6

■ 4AACF6

■ 008DF6

■ 62B7F6

■ 7BC1F6

■ 93CCF6

■ ACD6F6

■ C5E1F6

■ DDEBF6

■ F6F6F6

■ FFFFF6

Harmonies

Analogous

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



00ADE7



31A2F6



9792ED

Triad

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



31A2F6



EF7975



53AE69

Complementary

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



31A2F6



F68531

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.



8DA547



31A2F6



DC8750

Square

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



31A2F6



EC75A2



B9983E



00B296

Rectangle

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



31A2F6



C085DA



B9983E



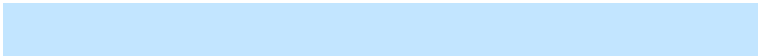
69AC5C

Sweetspot

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



31A2F6



C2E5FF



31F683



5B7080



000000



808080

Same Dimension

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



31A2F6



0A97FF



3141F6



6E757A



006BBA



00223B

Inverse Universe

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



F631A2



FF0A97



F6E631



7A6E75



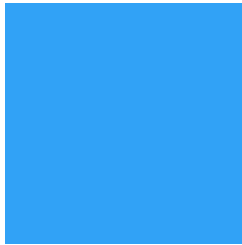
BA006B



3B0022

Previews

White Background



This preview shows how the Hex color 31A2F6 looks on a white background.

Color Contrast Check

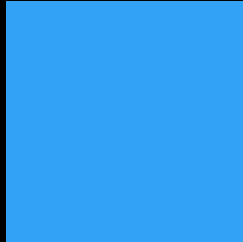
Large Text (above 18pt) WCAG AA × Fail

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 31A2F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

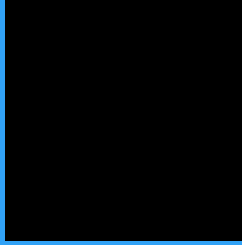
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

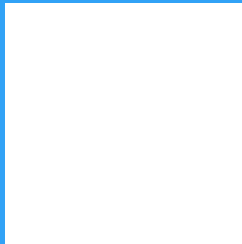
Any Text WCAG AAA ✓ Pass

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

Hex 31A2F6 Background



This preview shows how black text looks on a background with the Hex color 31A2F6.

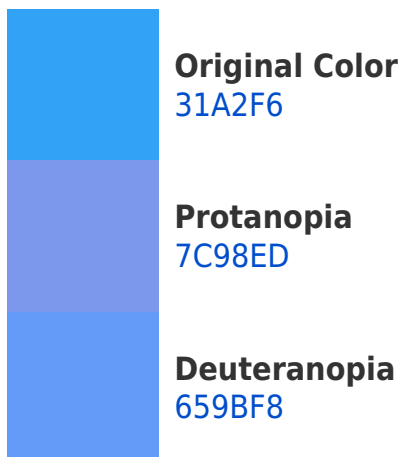


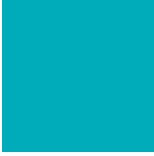
This preview shows how white text looks on a background with the Hex color 31A2F6.

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](#).

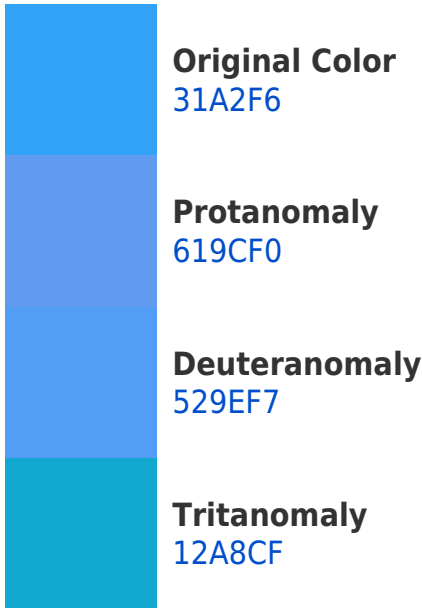
Dichromacy





Tritanopia
00ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A2F6 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 #31A2F6 looks like.

```
.text, #text, p{  
    color:#31A2F6  
}
```

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 #31A2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A2F6  
}
```

Border

The CSS property to change the border of an element to Hex 31A2F6 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  
#31A2F6 }
```

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

```
.border{ border-color:#31A2F6 }
```

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

Here you see how a box with a 4 pixel #31A2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A2F6; -webkit-box-shadow:4px 4px  
4px 4px #31A2F6; box-shadow:4px 4px 4px  
4px #31A2F6 }
```

Background

The CSS property to change the background color of an element to Hex 31A2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A2F6 }
```

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

```
.background{ background-color:#31A2F6 }
```

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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