

Converting Colors

Hex(31D9F9)

Have a look what the booklet for
Hex(31D9F9) contains.

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Color

Hex(31D9F9)

Conversions

Conversions Part 1

Format	Color
Hex	31D9F9
RGB	49, 217, 249
RGB Percent	19%, 85%, 98%
CMY	0.8078, 0.1490, 0.0235
CMYK	0.80, 0.13, 0.00, 0.02
HSL	190°, 94%, 58%
HSV	190°, 80%, 98%
XYZ	43.1784, 57.1182, 98.3717
YIQ	170.4160, -110.4000, -25.6640

Conversions

Conversions Part 2

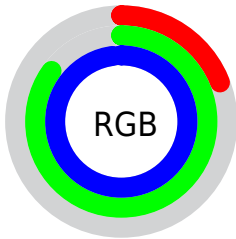
Format	Color
R _Y B	49, 140, 249
Decimal	3267065
CIE Lab	80.25, -30.49, -27.40
CIE LCh	80, 40.993, 221.951
Yxy	57.1182, 0.2173, 0.2875
Android (android.graphics.Color)	4281457145 (0xFF31D9F9)
YUV	170.4160, 38.7419, -106.4818
Hunter-Lab	75.5766, -30.2786, -24.2692

Details

The Hex color **31D9F9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F95131**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **81FFFF**, and **00A2C0** is the 20% darker color. If you saturate the color by 10%, you get **18D5F9**, and if you desaturate by 10%, it is **4ADDF9**.

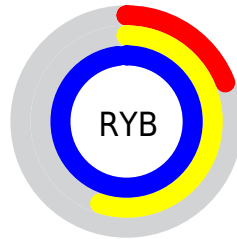
Distribution



Red (19%)

Green (85%)

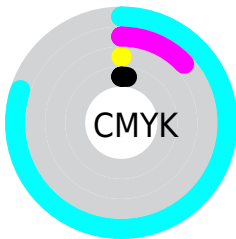
Blue (98%)



Red (19%)

Yellow (55%)

Blue (98%)

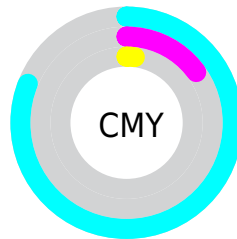


Cyan (80%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (81%)


Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D9F9 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 31D9F9 by changing the saturation by 10% instead.

 31D9F9

 31D9F9

FFFFFF

 00BDDC

 81FFFF

 00A2C0

 A2FFFF

 0087A5

 C2FFFF

 006E8B

 E1FFFF

 005571

 003D59

 002741

 00052B

 000116

■ 31D9F9

■ 31D9F9

■ 18D5F9

■ 4ADDF9

■ 00D1F9

■ 63E1F9

■ 7CE5F9

■ 95E9F9

■ AEEDF9

■ C6F1F9

■ DFF5F9

■ F8F9F9

■ FFFDF9

Harmonies

Analogous

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



44DCD6



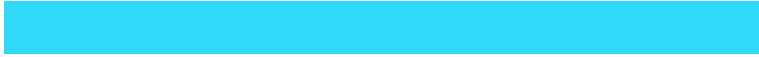
31D9F9



69D1FF

Triad

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



31D9F9



FFACE0



D1CA7B

Complementary

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



31D9F9



F95131

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.



F5BD7F



31D9F9



FFAAB9

Square

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



31D9F9



DFB8FF



FFB096



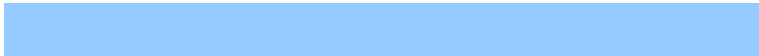
A7D48D

Rectangle

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



31D9F9



94CAFF



FFB096



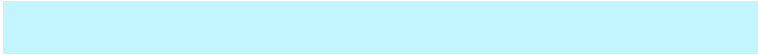
DEC67A

Sweetspot

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



31D9F9



C2F5FF



31F94F



5B7A80



000000



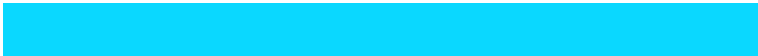
808080

Same Dimension

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



31D9F9



0AD8FF



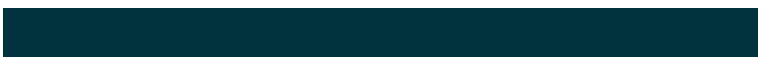
3177F9



707B7D



009FBD



00333D

Inverse Universe

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



F931D9



FF0AD8



F9B331



7D707B



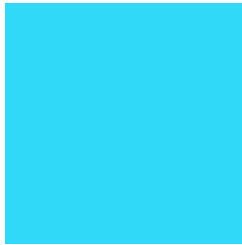
BD009F



3D0033

Previews

White Background



This preview shows how the Hex color 31D9F9 looks on a white background.

Color Contrast Check

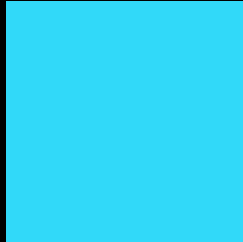
Large Text (above 18pt) WCAG AA × Fail

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 31D9F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

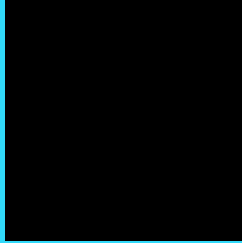
Any Text WCAG AA ✓ Pass

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 31D9F9 Background



This preview shows how black text looks on a background with the Hex color 31D9F9.

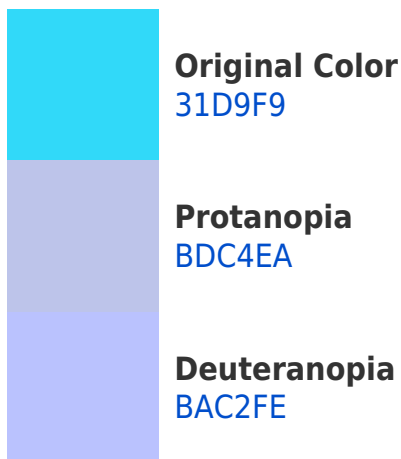


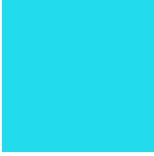
This preview shows how white text looks on a background with the Hex color 31D9F9.

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](#).

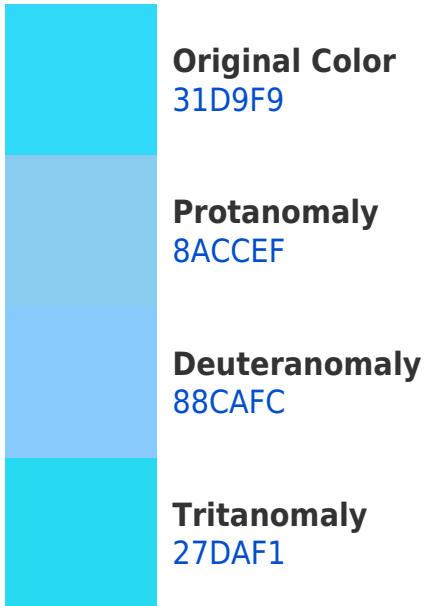
Dichromacy



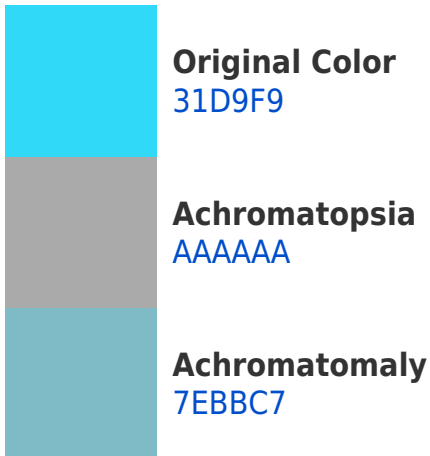


Tritanopia
22DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31D9F9 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 #31D9F9 looks like.

```
.text, #text, p{  
    color:#31D9F9  
}
```

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 #31D9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D9F9
}
```

Border

The CSS property to change the border of an element to Hex 31D9F9 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
#31D9F9 }
```

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

```
.border{ border-color:#31D9F9 }
```

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

Here you see how a box with a 4 pixel #31D9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D9F9; -webkit-box-shadow:4px 4px  
4px 4px #31D9F9; box-shadow:4px 4px 4px  
4px #31D9F9 }
```

Background

The CSS property to change the background color of an element to Hex 31D9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D9F9 }
```

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

```
.background{ background-color:#31D9F9 }
```

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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