

Converting Colors

Hex(2CA6FB)

Have a look what the booklet for
Hex(2CA6FB) contains.

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Color

Hex(2CA6FB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2CA6FB |
| RGB | 44, 166, 251 |
| RGB Percent | 17%, 65%, 98% |
| CMY | 0.8275, 0.3490, 0.0157 |
| CMYK | 0.82, 0.34, 0.00, 0.02 |
| HSL | 205°, 96%, 58% |
| HSV | 205°, 82%, 98% |
| XYZ | 32.0875, 34.7729, 96.2874 |
| YIQ | 139.2120, -99.9970, 0.5710 |

Conversions

Conversions Part 2

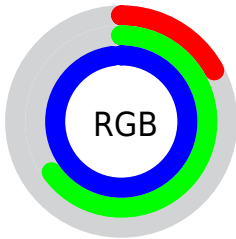
| Format | Color |
|-------------------------------------|---|
| RYB | 44, 121, 251 |
| Decimal | 2926331 |
| CIELab | 65.57, -3.45, -51.33 |
| CIElCh | 66, 51.445, 266.156 |
| Yxy | 34.7729, 0.1967, 0.2131 |
| Android (android.graphics.Color) | 4281116411 (0xFF2CA6FB) |
| YUV | 139.2120, 55.1115, -83.5009 |
| Hunter-Lab | 58.9686, -6.0650, -55.5343 |

Details

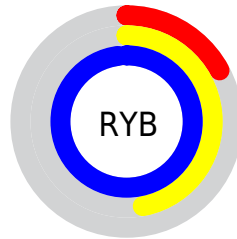
The Hex color **2CA6FB** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FB812C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BDDFF**, and **0073C2** is the 20% darker color. If you saturate the color by 10%, you get **139CFB**, and if you desaturate by 10%, it is **45B0FB**.

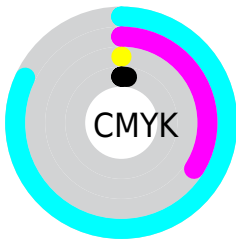
Distribution



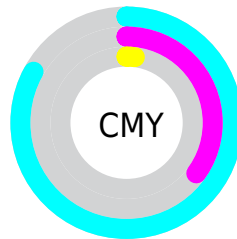
- Red (17%)
- Green (65%)
- Blue (98%)



- Red (17%)
- Yellow (47%)
- Blue (98%)



- Cyan (82%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (83%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA6FB 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 2CA6FB by changing the saturation by 10% instead.

 2CA6FB

 2CA6FB

FFFFFF

 008CDE

 7BDDFF

 0073C2

 9CF9FF

 005AA6

 BCFFFF

 00438C

 DBFFFF

 002E72

 FBFFFF

 001A59

 000741

 00032A

 000114

■ 2CA6FB

■ 2CA6FB

■ 139CFB

■ 45B0FB

■ 0094FB

■ 5EBBFB

■ 77C5FB

■ 90CFFB

■ AADAFB

■ C3E4FB

■ DCEEFB

■ F5F8FB

■ FFFFFB

Harmonies

Analogous

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



00B1EB



2CA6FB



9896F2

Triad

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



2CA6FB



F47B79



57B26A

Complementary

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



2CA6FB



FB812C

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.



91A948



2CA6FB



E18A53

Square

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



2CA6FB



F078A7



BF9B40



00B698

Rectangle

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



2CA6FB



C289E0



BF9B40



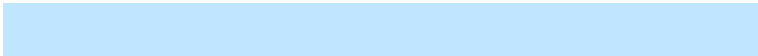
6DAF5D

Sweetspot

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



2CA6FB



BFE5FF



2CFB7F



597080



000000



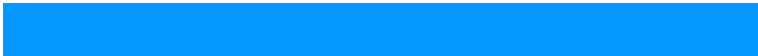
808080

Same Dimension

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



2CA6FB



0397FF



2C41FB



70787D



006FBD



00243D

Inverse Universe

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



FB2CA6



FF0397



FBE62C



7D7078



BD006F



3D0024

Previews

White Background



This preview shows how the Hex color 2CA6FB looks on a white background.

Color Contrast Check

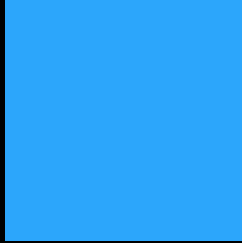
Large Text (above 18pt) WCAG AA × Fail

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 2CA6FB 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

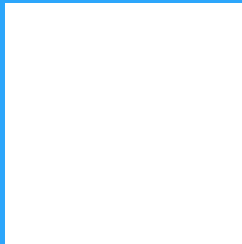
Any Text WCAG AAA ✓ Pass

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

Hex 2CA6FB Background



This preview shows how black text looks on a background with the Hex color 2CA6FB.



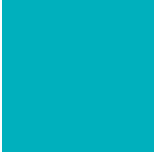
This preview shows how white text looks on a background with the Hex color 2CA6FB.

Color Blindness Simulation

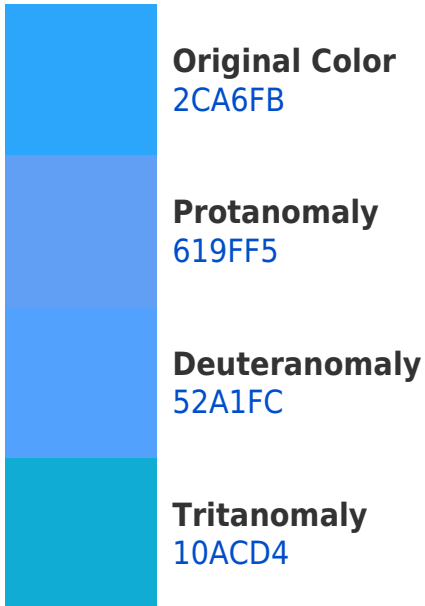
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA6FB 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 #2CA6FB looks like.

```
.text, #text, p{  
    color:#2CA6FB  
}
```

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 #2CA6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA6FB
}
```

Border

The CSS property to change the border of an element to Hex 2CA6FB 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
#2CA6FB }
```

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

```
.border{ border-color:#2CA6FB }
```

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

Here you see how a box with a 4 pixel #2CA6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA6FB; -webkit-box-shadow:4px 4px  
4px 4px #2CA6FB; box-shadow:4px 4px 4px  
4px #2CA6FB }
```

Background

The CSS property to change the background color of an element to Hex 2CA6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA6FB }
```

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

```
.background{ background-color:#2CA6FB }
```

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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