

Converting Colors

Hex(21C6FB)

Have a look what the booklet for
Hex(21C6FB) contains.

Hex(21C6FB)	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(21C6FB)

Conversions

Conversions Part 1

Format	Color
Hex	21C6FB
RGB	33, 198, 251
RGB Percent	13%, 78%, 98%
CMY	0.8706, 0.2235, 0.0157
CMYK	0.87, 0.21, 0.00, 0.02
HSL	195°, 96%, 56%
HSV	195°, 87%, 98%
XYZ	38.2339, 47.6765, 98.4541
YIQ	154.7070, -115.3530, -18.4970

Conversions

Conversions Part 2

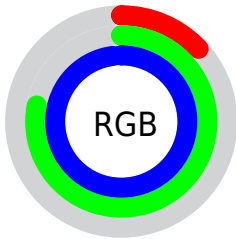
Format	Color
R _Y B	33, 127, 251
Decimal	2213627
CIE Lab	74.62, -21.51, -37.16
CIE LCh	75, 42.933, 239.935
Yxy	47.6765, 0.2074, 0.2586
Android (android.graphics.Color)	4280403707 (0xFF21C6FB)
YUV	154.7070, 47.4724, -106.7370
Hunter-Lab	69.0482, -21.9940, -36.2064

Details

The Hex color **21C6FB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FB5621**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **79FFFF**, and **0090C2** is the 20% darker color. If you saturate the color by 10%, you get **08C0FB**, and if you desaturate by 10%, it is **3ACCFB**.

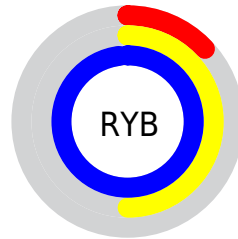
Distribution



Red (13%)

Green (78%)

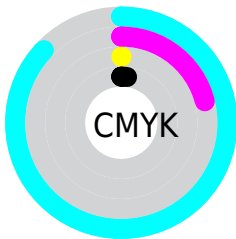
Blue (98%)



Red (13%)

Yellow (50%)

Blue (98%)

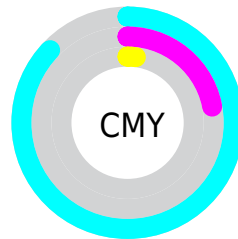


Cyan (87%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (87%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C6FB 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 21C6FB by changing the saturation by 10% instead.

 21C6FB

 21C6FB

FFFFFF

 00ABDE

 79FFFF

 0090C2

 9AFFFF

 0076A7

 BAFFFF

 005E8C

 DAFFFF

 004673

 FAFFFF

 002F5A

 001C42

 00032B

 000116

■ 21C6FB

■ 21C6FB

■ 08C0FB

■ 3ACCFB

■ 00BEFB

■ 53D2FB

■ 6CD8FB

■ 85DEFB

■ 9FE5FB

■ B8EBFB

■ D1F1FB

■ EAF7FB

■ FFFDFB

Harmonies

Analogous

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



00CCDE



21C6FB



7BBCFF

Triad

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



21C6FB



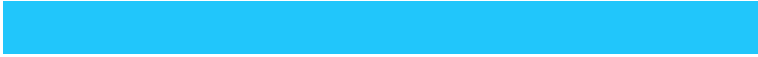
FF98B9



A8C172

Complementary

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



21C6FB



FB5621

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.



D1B568



21C6FB



FF9C92

Square

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



21C6FB



E9A0E0



F1A774



78C98F

Rectangle

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



21C6FB



A8B2FF



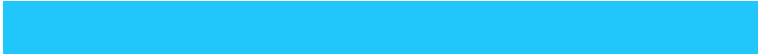
F1A774



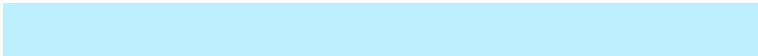
B7BD6C

Sweetspot

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



21C6FB



BDEFFF



21FB54



587680



000000



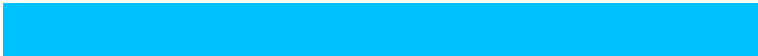
808080

Same Dimension

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



21C6FB



00C1FF



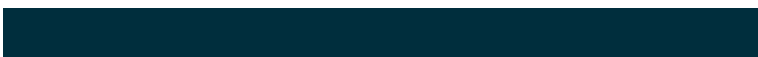
215BFB



707A7D



008FBD



002E3D

Inverse Universe

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



FB21C6



FF00C1



FBC121



7D707A



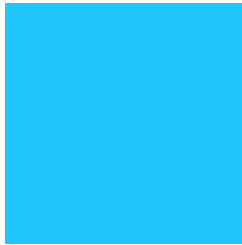
BD008F



3D002E

Previews

White Background



This preview shows how the Hex color 21C6FB looks on a white background.

Color Contrast Check

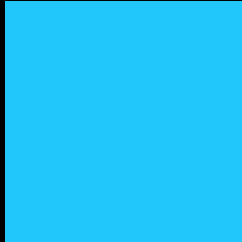
Large Text (above 18pt) WCAG AA × Fail

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 21C6FB 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

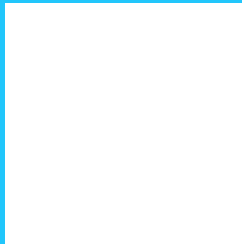
Any Text WCAG AAA ✓ Pass

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

Hex 21C6FB Background



This preview shows how black text looks on a background with the Hex color 21C6FB.

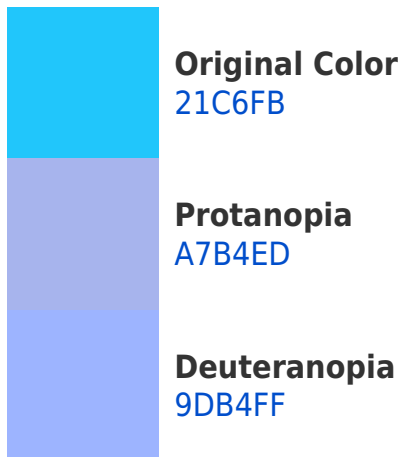


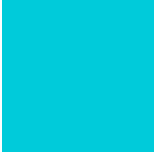
This preview shows how white text looks on a background with the Hex color 21C6FB.

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](#).

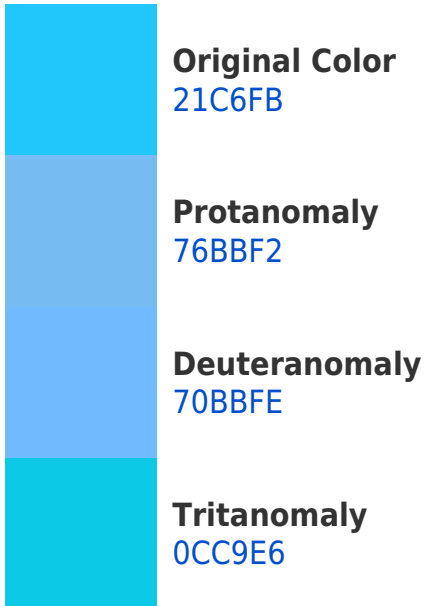
Dichromacy



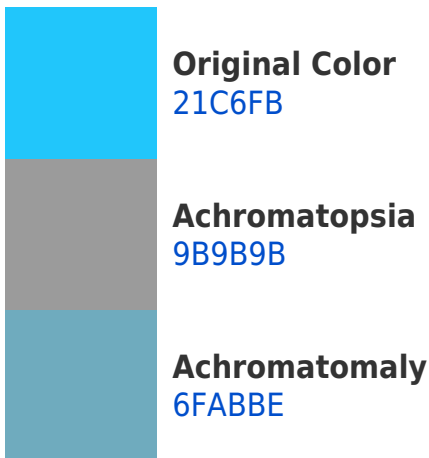


Tritanopia
00CBDA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C6FB 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 #21C6FB looks like.

```
.text, #text, p{  
    color:#21C6FB  
}
```

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 #21C6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C6FB
}
```

Border

The CSS property to change the border of an element to Hex 21C6FB 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
#21C6FB }
```

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

```
.border{ border-color:#21C6FB }
```

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

Here you see how a box with a 4 pixel #21C6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C6FB; -webkit-box-shadow:4px 4px  
4px 4px #21C6FB; box-shadow:4px 4px 4px  
4px #21C6FB }
```

Background

The CSS property to change the background color of an element to Hex 21C6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C6FB }
```

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

```
.background{ background-color:#21C6FB }
```

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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