

# Converting Colors

Hex(21A0FB)

Have a look what the booklet for  
Hex(21A0FB) contains.

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**Color**

**Hex(21A0FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21A0FB
RGB	33, 160, 251
RGB Percent	13%, 63%, 98%
CMY	0.8706, 0.3725, 0.0157
CMYK	0.87, 0.36, 0.00, 0.02
HSL	205°, 96%, 56%
HSV	205°, 87%, 98%
XYZ	30.6106, 32.4300, 95.9130
YIQ	132.4010, -104.9030, 1.3770

# Conversions

## Conversions Part 2

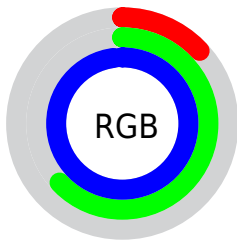
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 113, 251
Decimal	2203899
CIE <sub>Lab</sub>	63.70, -0.79, -54.31
CIE <sub>LCh</sub>	64, 54.319, 269.163
Yxy	32.4300, 0.1926, 0.2040
Android (android.graphics.Color)	4280393979 (0xFF21A0FB)
YUV	132.4010, 58.4693, -87.1747
Hunter-Lab	56.9473, -3.7097, -59.9955

# Details

The Hex color **21A0FB** 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 **FB7C21**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **77D6FF**, and **006DC2** is the 20% darker color. If you saturate the color by 10%, you get **0896FB**, and if you desaturate by 10%, it is **3AAAFB**.

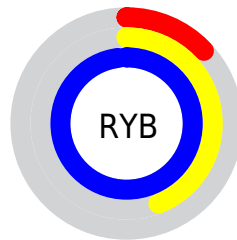
# Distribution



Red (13%)

Green (63%)

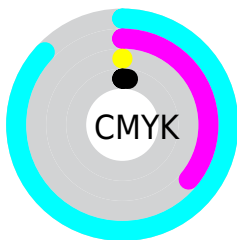
Blue (98%)



Red (13%)

Yellow (44%)

Blue (98%)

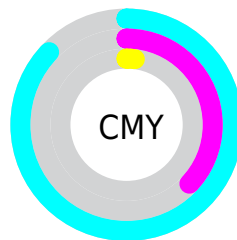


Cyan (87%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (87%)

Magenta (37%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21A0FB 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 21A0FB by changing the saturation by 10% instead.



■ 21A0FB

■ 21A0FB

FFFFFF

■ 0086DE

■ 77D6FF

■ 006DC2

■ 98F3FF

■ 0055A6

■ B8FFFF

■ 003F8B

■ D7FFFF

■ 002A71

■ F7FFFF

■ 001658

■ 000740

■ 000329

■ 000113

■ 21A0FB

■ 21A0FB

■ 0896FB

■ 3AAAFB

■ 0092FB

■ 53B5FB

■ 6CBFFB

■ 85CAFB

■ 9FD4FB

■ B8DFFB

■ D1E9FB

■ EAF4FB

■ FFFEFB

# Harmonies

## Analogous

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



00ACED



21A0FB



9A8EEF

# Triad

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



21A0FB



F1746E



44AE66

# Complementary

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



21A0FB



FB7C21

# 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.



86A541



21A0FB



DC8547

# Square

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



21A0FB



F06F9E



B69733



00B297

# Rectangle

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



21A0FB



C481DA



B69733



5EAC58

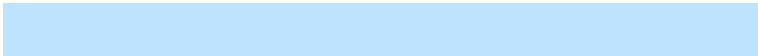


# Sweetspot

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



21A0FB



BDE3FF



21FB7C



586F80



000000



808080

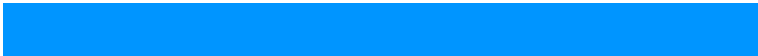


# Same Dimension

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



21A0FB



0095FF



2133FB



70787D



006EBD



00243D



# Inverse Universe

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



FB21A0



FF0095



FBE921



7D7078



BD006E

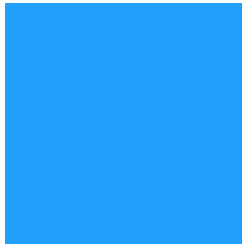


3D0024



# Previews

## White Background



This preview shows how the Hex color 21A0FB looks on a white background.

## Color Contrast Check

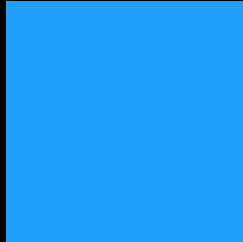
Large Text (above 18pt) WCAG AA × Fail

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 21A0FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

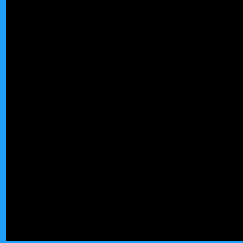
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

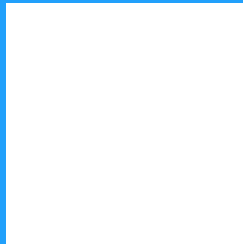
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 21A0FB Background



This preview shows how black text looks on a background with the Hex color 21A0FB.



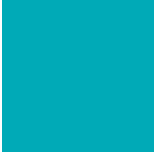
This preview shows how white text looks on a background with the Hex color 21A0FB.

# 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](#).

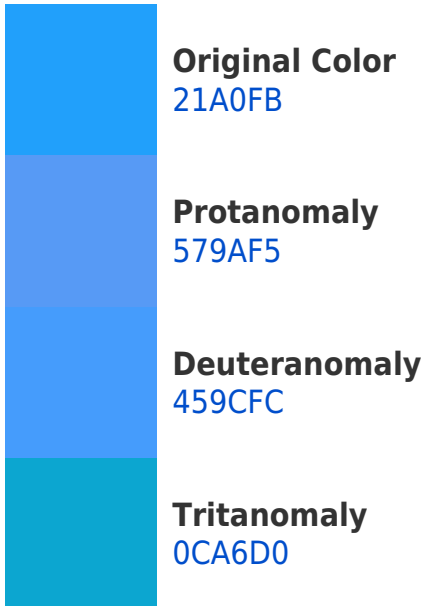
## Dichromacy



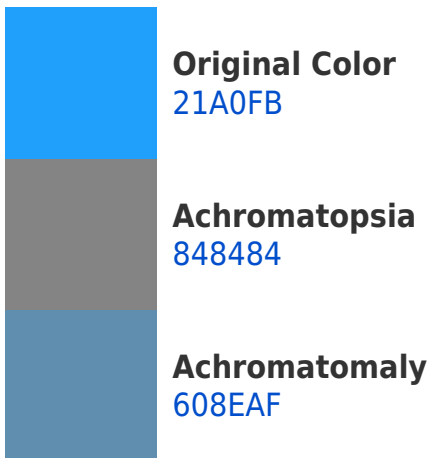


**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21A0FB 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 #21A0FB looks like.

```
.text, #text, p{  
    color:#21A0FB  
}
```

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 #21A0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A0FB
}
```

## Border

The CSS property to change the border of an element to Hex 21A0FB 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
#21A0FB }
```

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

```
.border{ border-color:#21A0FB }
```

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

Here you see how a box with a 4 pixel #21A0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A0FB; -webkit-box-shadow:4px 4px  
4px 4px #21A0FB; box-shadow:4px 4px 4px  
4px #21A0FB }
```

# Background

The CSS property to change the background color of an element to Hex 21A0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A0FB }
```

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

```
.background{ background-color:#21A0FB }
```

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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