

Converting Colors

Hex(21B4FF)

Have a look what the booklet for
Hex(21B4FF) contains.

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Color

Hex(21B4FF)

Conversions

Conversions Part 1

Format	Color
Hex	21B4FF
RGB	33, 180, 255
RGB Percent	13%, 71%, 100%
CMY	0.8706, 0.2941, 0.0000
CMYK	0.87, 0.29, 0.00, 0.00
HSL	200°, 100%, 56%
HSV	200°, 87%, 100%
XYZ	34.9985, 40.1858, 100.5198
YIQ	144.5970, -111.6870, -7.8390

Conversions

Conversions Part 2

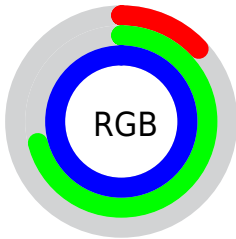
Format	Color
R _Y B	33, 121, 255
Decimal	2209023
CIE Lab	69.60, -10.60, -47.15
CIE LCh	70, 48.329, 257.335
Yxy	40.1858, 0.1992, 0.2287
Android (android.graphics.Color)	4280399103 (0xFF21B4FF)
YUV	144.5970, 54.4287, -97.8706
Hunter-Lab	63.3923, -12.3879, -49.6402

Details

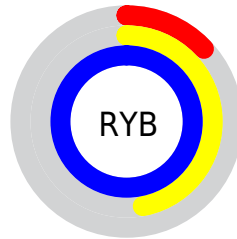
The Hex color **21B4FF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FF6C21**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78ECFF**, and **007FC6** is the 20% darker color. If you saturate the color by 10%, you get **08ABFF**, and if you desaturate by 10%, it is **3ABDFF**.

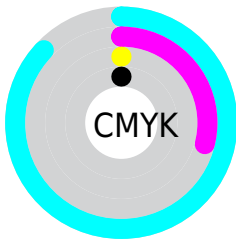
Distribution



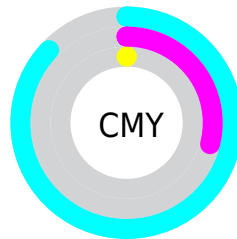
- Red (13%)
- Green (71%)
- Blue (100%)



- Red (13%)
- Yellow (47%)
- Blue (100%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B4FF 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 21B4FF by changing the saturation by 10% instead.

 21B4FF

 21B4FF

FFFFFF

 0099E2

 78ECFF

 007FC6

 99FFFF

 0067AA

 BAFFFF

 004F8F

 D9FFFF

 003875

 F9FFFF

 00235C

 000844

 00032D

 000118

■ 21B4FF

■ 21B4FF

■ 08ABFF

■ 3ABDFF

■ 00A9FF

■ 54C5FF

■ 6DCEFF

■ 87D6FF

■ A1DFFF

■ BAE8FF

■ D3F0FF

■ EDF9FF

FFFFFF

Harmonies

Analogous

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



00BDE9



21B4FF



90A6FE

Triad

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



21B4FF



FD8692



7ABA6D

Complementary

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



21B4FF



FF6C21

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.



ABAF53



21B4FF



F2916B

Square

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



21B4FF



F288BF



D4A153



30BF95

Rectangle

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



21B4FF



BC9AF0



D4A153



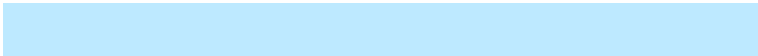
8BB762

Sweetspot

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



21B4FF



BDE9FF



21FF6B



587280



000000



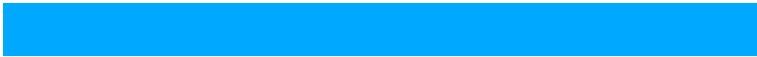
808080

Same Dimension

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



21B4FF



00A9FF



2146FF



737B80



007FBF



002A40

Inverse Universe

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



FF21B4



FF00A9



FFDA21



80737B



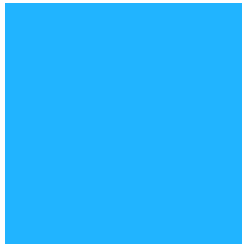
BF007F



40002A

Previews

White Background



This preview shows how the Hex color 21B4FF looks on a white background.

Color Contrast Check

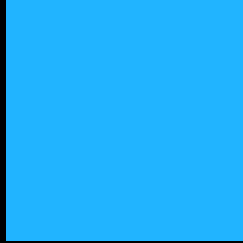
Large Text (above 18pt) WCAG AA × Fail

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 21B4FF 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

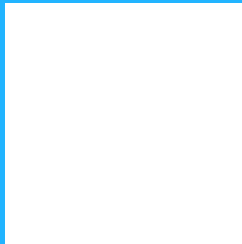
Any Text WCAG AAA ✓ Pass

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

Hex 21B4FF Background



This preview shows how black text looks on a background with the Hex color 21B4FF.

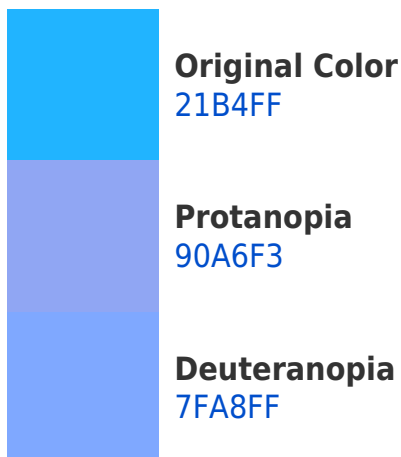


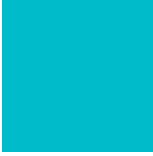
This preview shows how white text looks on a background with the Hex color 21B4FF.

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](#).

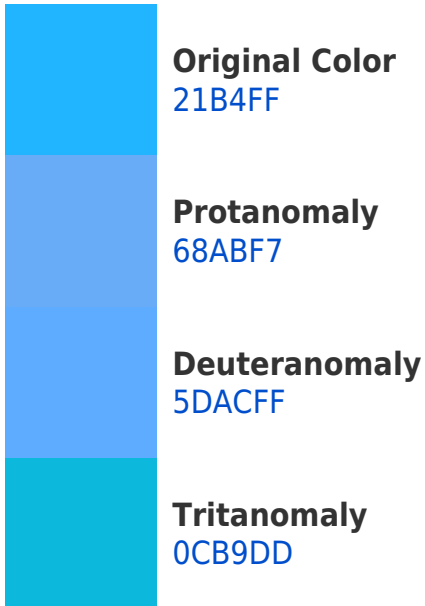
Dichromacy



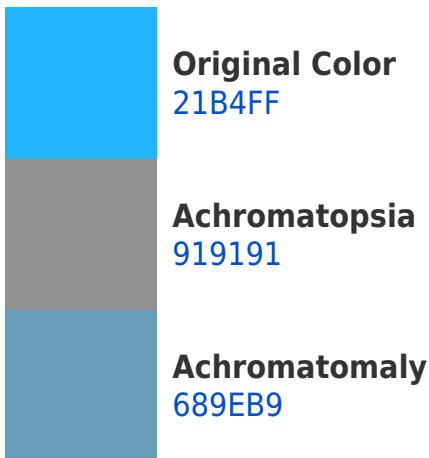


Tritanopia
00BCCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B4FF 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 #21B4FF looks like.

```
.text, #text, p{  
    color:#21B4FF  
}
```

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 #21B4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B4FF
}
```

Border

The CSS property to change the border of an element to Hex 21B4FF 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
#21B4FF }
```

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

```
.border{ border-color:#21B4FF }
```

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

Here you see how a box with a 4 pixel #21B4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B4FF; -webkit-box-shadow:4px 4px  
4px 4px #21B4FF; box-shadow:4px 4px 4px  
4px #21B4FF }
```

Background

The CSS property to change the background color of an element to Hex 21B4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B4FF }
```

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

```
.background{ background-color:#21B4FF }
```

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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