

# Converting Colors

Hex(21D9FC)

Have a look what the booklet for  
Hex(21D9FC) contains.

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# **Color**

**Hex(21D9FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21D9FC
RGB	33, 217, 252
RGB Percent	13%, 85%, 99%
CMY	0.8706, 0.1490, 0.0118
CMYK	0.87, 0.14, 0.00, 0.01
HSL	190°, 97%, 56%
HSV	190°, 87%, 99%
XYZ	43.0107, 56.9773, 100.8263
YIQ	165.9740, -120.8990, -28.1230

# Conversions

## Conversions Part 2

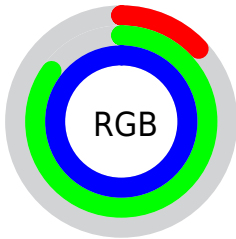
Format	Color
R <sub>Y</sub> B	33, 133, 252
Decimal	2218492
CIE Lab	80.17, -30.64, -29.14
CIE LCh	80, 42.283, 223.555
Yxy	56.9773, 0.2142, 0.2837
Android (android.graphics.Color)	4280408572 (0xFF21D9FC)
YUV	165.9740, 42.4108, -116.6182
Hunter-Lab	75.4833, -30.3857, -26.3578

# Details

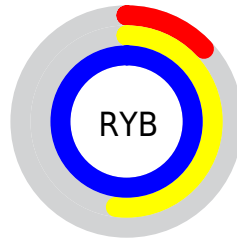
The Hex color **21D9FC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC4421**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7AFFFF**, and **00A2C3** is the 20% darker color. If you saturate the color by 10%, you get **08D5FC**, and if you desaturate by 10%, it is **3ADDFC**.

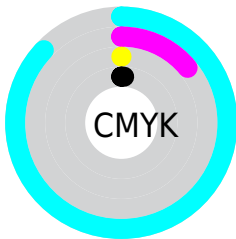
# Distribution



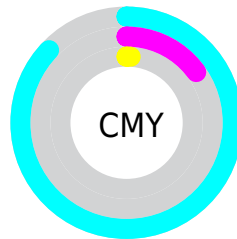
- Red (13%)
- Green (85%)
- Blue (99%)



- Red (13%)
- Yellow (52%)
- Blue (99%)



- Cyan (87%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (87%)
- Magenta (15%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21D9FC 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 21D9FC by changing the saturation by 10% instead.



 21D9FC

 21D9FC

FFFFFF

 00BDDF

 7AFFFF

 00A2C3

 9CFFFF

 0087A8

 BDFFFF

 006E8E

 DDFFFF

 005574

 FDFFFF

 003D5B

 002743

 00052D

 000118

■ 21D9FC

■ 21D9FC

■ 08D5FC

■ 3ADDFC

■ 00D4FC

■ 53E1FC

■ 6DE5FC

■ 86E9FC

■ 9FEDFC

■ B8F1FC

■ D1F5FC

■ EBF9FC

■ FFFDFC

# Harmonies

## Analogous

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



38DCD8



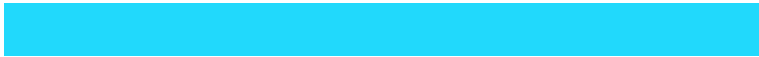
21D9FC



67D1FF

# Triad

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



21D9FC



FFABDE



CFCA79

# Complementary

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



21D9FC



FC4421

# 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.



F4BD7B



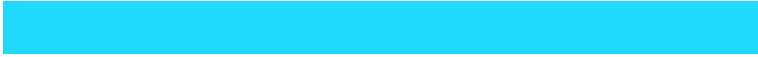
21D9FC



FFA8B6

# Square

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



21D9FC



E2B6FF



FFB092



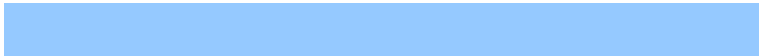
A3D48C

# Rectangle

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



21D9FC



95C9FF



FFB092

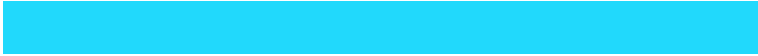


DCC677

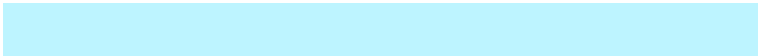


# Sweetspot

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



21D9FC



BDF4FF



21FC42



587980



000000



808080

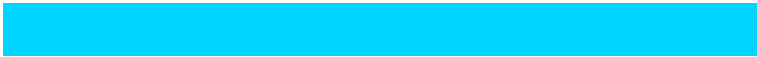


# Same Dimension

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



21D9FC



00D6FF



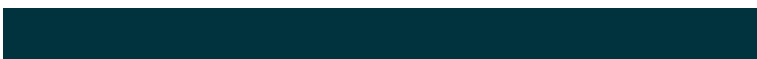
216EFC



707B7D



009FBD



00333D



# Inverse Universe

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



FC21D9



FF00D6



FCAF21



7D707B



BD009F

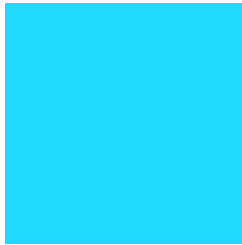


3D0033



# Previews

## White Background



This preview shows how the Hex color 21D9FC looks on a white background.

## Color Contrast Check

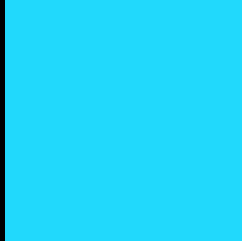
Large Text (above 18pt) WCAG AA × Fail

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 21D9FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

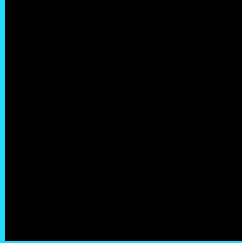
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21D9FC Background



This preview shows how black text looks on a background with the Hex color 21D9FC.

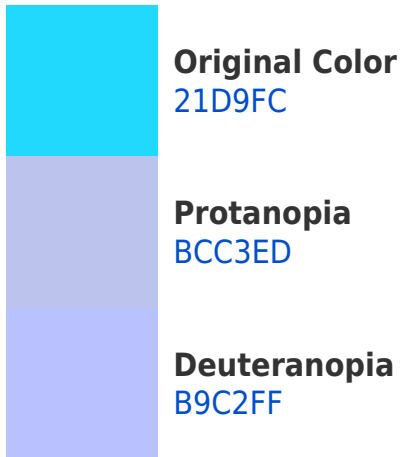


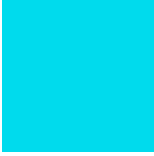
This preview shows how white text looks on a background with the Hex color 21D9FC.

# 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](#).

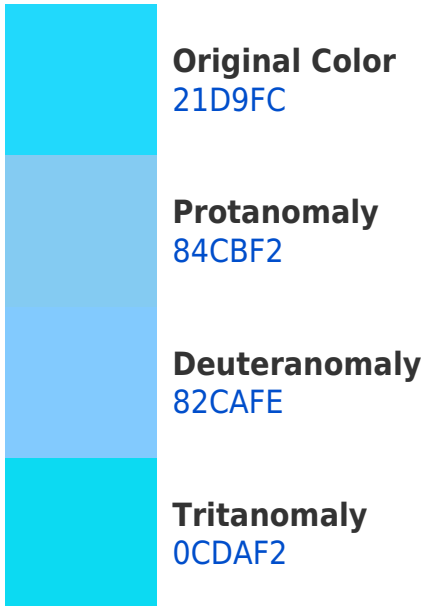
## Dichromacy



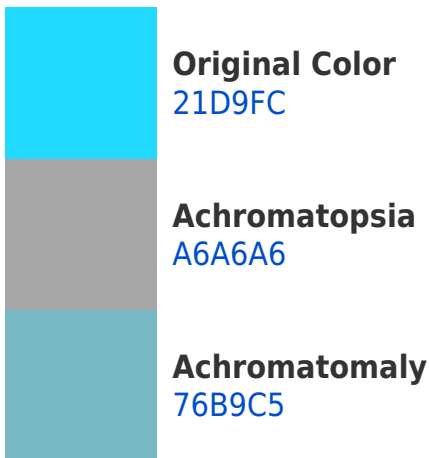


**Tritanopia**  
00DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21D9FC 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 #21D9FC looks like.

```
.text, #text, p{  
    color:#21D9FC  
}
```

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 #21D9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D9FC
}
```

## Border

The CSS property to change the border of an element to Hex 21D9FC 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
#21D9FC }
```

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

```
.border{ border-color:#21D9FC }
```

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

Here you see how a box with a 4 pixel #21D9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D9FC; -webkit-box-shadow:4px 4px  
4px 4px #21D9FC; box-shadow:4px 4px 4px  
4px #21D9FC }
```

# Background

The CSS property to change the background color of an element to Hex 21D9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D9FC }
```

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

```
.background{ background-color:#21D9FC }
```

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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