

Converting Colors

Hex(21CEFF)

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

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Color

Hex(21CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	21CEFF
RGB	33, 206, 255
RGB Percent	13%, 81%, 100%
CMY	0.8706, 0.1922, 0.0000
CMYK	0.87, 0.19, 0.00, 0.00
HSL	193°, 100%, 56%
HSV	193°, 87%, 100%
XYZ	40.7485, 51.6859, 102.4365
YIQ	159.8590, -118.8370, -21.4370

Conversions

Conversions Part 2

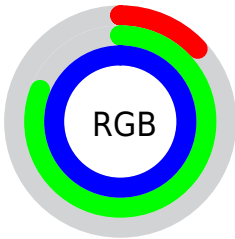
Format	Color
R _Y B	33, 130, 255
Decimal	2215679
CIE Lab	77.09, -24.24, -35.47
CIE LCh	77, 42.962, 235.645
Yxy	51.6859, 0.2091, 0.2652
Android (android.graphics.Color)	4280405759 (0xFF21CEFF)
YUV	159.8590, 46.9045, -111.2553
Hunter-Lab	71.8929, -24.6399, -34.1541

Details

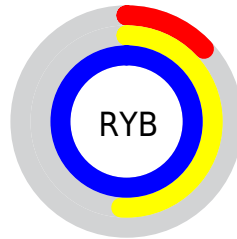
The Hex color **21CEFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5221**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7AFFFF**, and **0098C6** is the 20% darker color. If you saturate the color by 10%, you get **08C8FF**, and if you desaturate by 10%, it is **3AD4FF**.

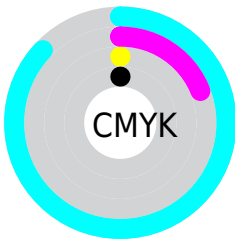
Distribution



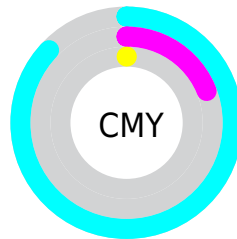
- Red (13%)
- Green (81%)
- Blue (100%)



- Red (13%)
- Yellow (51%)
- Blue (100%)



- Cyan (87%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 21CEFF

 21CEFF

FFFFFF

 00B2E2

 7AFFFF

 0098C6

 9CFFFF

 007DAB

 BCFFFF

 006490

 DCFFFF

 004C76

 FCFFFF

 00355D

 002245

 00042F

 000119

 21CEFF

 21CEFF

 08C8FF

 3AD4FF

 00C7FF

 54D9FF

 6DDFFF

 87E5FF

 A1EAFF

 BAF0FF

 D3F5FF

 EDFBFF

FFFFFF

Harmonies

Analogous

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



00D3DF



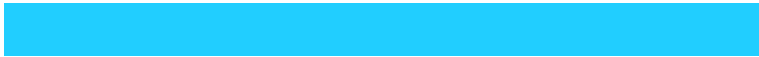
21CEFF



78C4FF

Triad

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



21CEFF



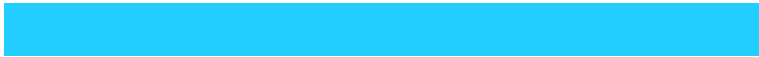
FF9FC6



B5C675

Complementary

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



21CEFF



FF5221

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.



DDBA6E



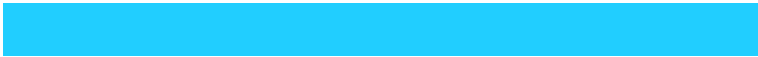
21CEFF



FFA19E

Square

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



21CEFF



EBA8EC



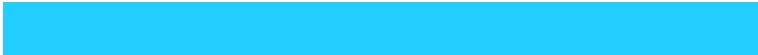
FCAC7E



86CF90

Rectangle

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



21CEFF



A6BBFF



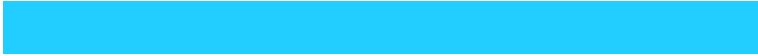
FCAC7E



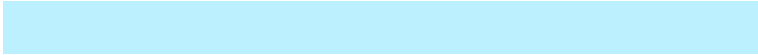
C3C370

Sweetspot

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



21CEFF



BDF0FF



21FF51



587780



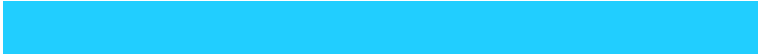
000000



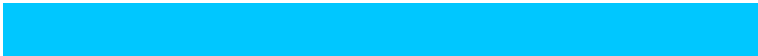
808080

Same Dimension

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



21CEFF



00C7FF



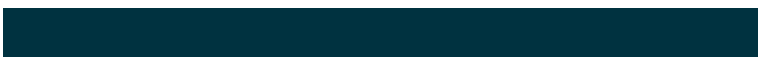
2160FF



737D80



0095BF



003240

Inverse Universe

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



FF21CE



FF00C7



FFC021



80737D



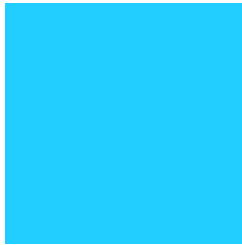
BF0095



400032

Previews

White Background



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

Color Contrast Check

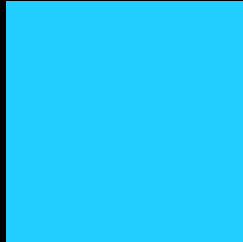
Large Text (above 18pt) WCAG AA × Fail

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 21CEFF 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 21CEFF Background



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

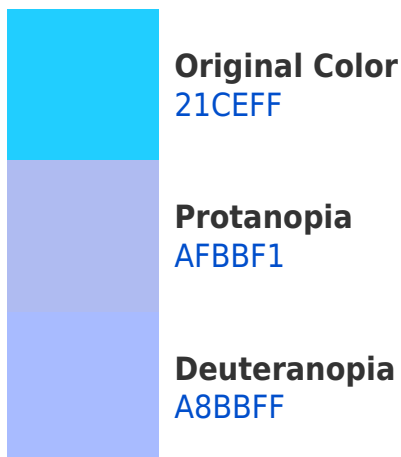


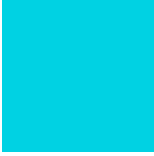
This preview shows how white text looks on a background with the Hex color 21CEFF.

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](#).

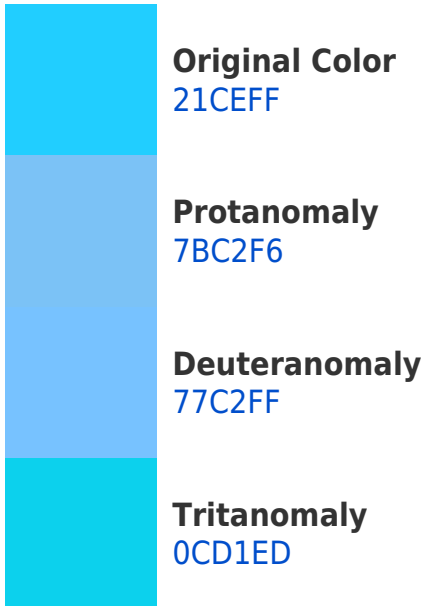
Dichromacy



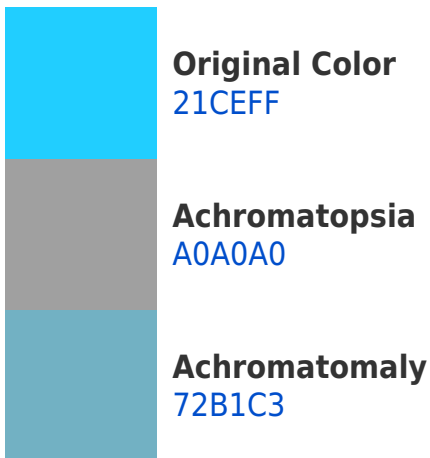


Tritanopia
00D2E3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #21CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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