

Converting Colors

Hex(21C4E9)

Have a look what the booklet for
Hex(21C4E9) contains.

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Color

Hex(21C4E9)

Conversions

Conversions Part 1

Format	Color
Hex	21C4E9
RGB	33, 196, 233
RGB Percent	13%, 77%, 91%
CMY	0.8706, 0.2314, 0.0863
CMYK	0.86, 0.16, 0.00, 0.09
HSL	191°, 82%, 52%
HSV	191°, 86%, 91%
XYZ	35.0751, 45.6864, 84.0605
YIQ	151.4810, -109.0250, -23.0490

Conversions

Conversions Part 2

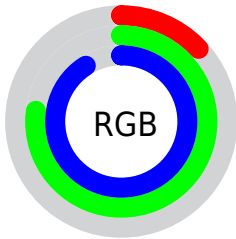
Format	Color
R _Y B	33, 123, 233
Decimal	2213097
CIE Lab	73.34, -26.45, -29.44
CIE LCh	73, 39.577, 228.054
Yxy	45.6864, 0.2128, 0.2772
Android (android.graphics.Color)	4280403177 (0xFF21C4E9)
YUV	151.4810, 40.1889, -103.9078
Hunter-Lab	67.5917, -25.6571, -26.4219

Details

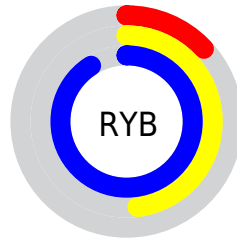
The Hex color **21C4E9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E94621**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **75FDFF**, and **008EB1** is the 20% darker color. If you saturate the color by 10%, you get **0AC0E9**, and if you desaturate by 10%, it is **38C8E9**.

Distribution



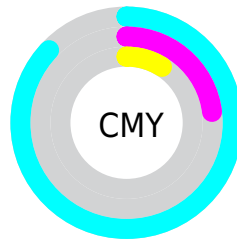
- Red (13%)
- Green (77%)
- Blue (91%)



- Red (13%)
- Yellow (48%)
- Blue (91%)



- Cyan (86%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C4E9 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 21C4E9 by changing the saturation by 10% instead.

 21C4E9

 21C4E9

FFFFFF

 00A9CD

 75FDFF

 008EB1

 96FFFF

 007496

 B6FFFF

 005B7C


 D5FFFF

 004363

 F5FFFF

 002D4B

 001734

 00021F

 000002

■ 21C4E9

■ 21C4E9

■ 0AC0E9

■ 38C8E9

■ 00BEE9

■ 50CDE9

■ 67D1E9

■ 7ED5E9

■ 95DAE9

■ ADDEE9

■ C4E2E9

■ DBE6E9

■ F3EBE9

Harmonies

Analogous

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



26C7C9



21C4E9



65BCFA

Triad

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



21C4E9



F199C4



B6B96E

Complementary

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



21C4E9



E94621

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.



D9AD6D



21C4E9



FB999F

Square

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



21C4E9



D3A3E5



F2A180



8DC282

Rectangle

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



21C4E9



90B4FC



F2A180



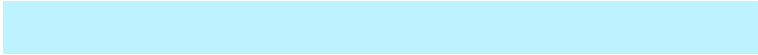
C2B56B

Sweetspot

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



21C4E9



BDF3FF



21E946



587880



000000



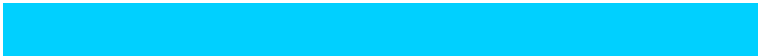
808080

Same Dimension

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



21C4E9



00D0FF



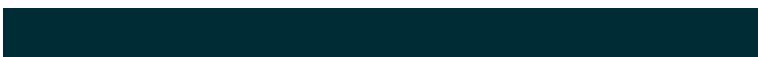
2160E9



6A7375



0094B5



002C36

Inverse Universe

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



E921C4



FF00D0



E9AA21



756A73



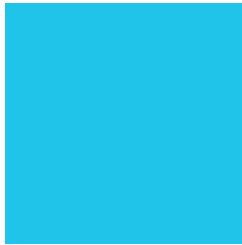
B50094



36002C

Previews

White Background



This preview shows how the Hex color 21C4E9 looks on a white background.

Color Contrast Check

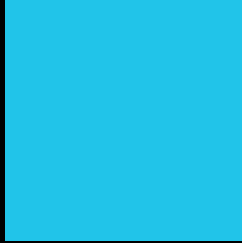
Large Text (above 18pt) WCAG AA × Fail

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 21C4E9 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 21C4E9 Background



This preview shows how black text looks on a background with the Hex color 21C4E9.

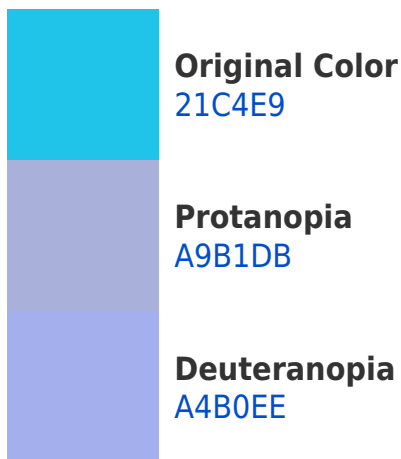


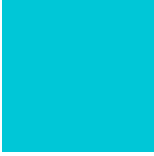
This preview shows how white text looks on a background with the Hex color 21C4E9.

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](#).

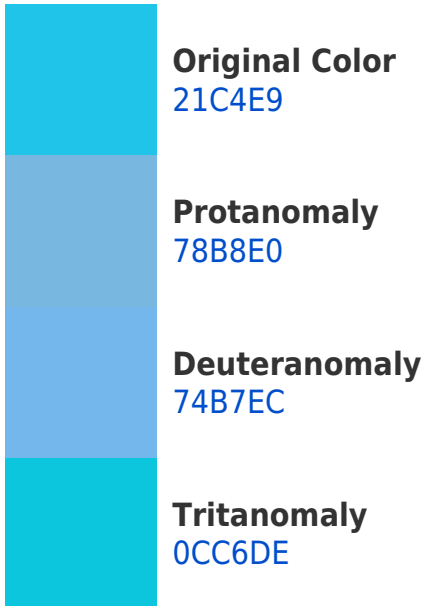
Dichromacy



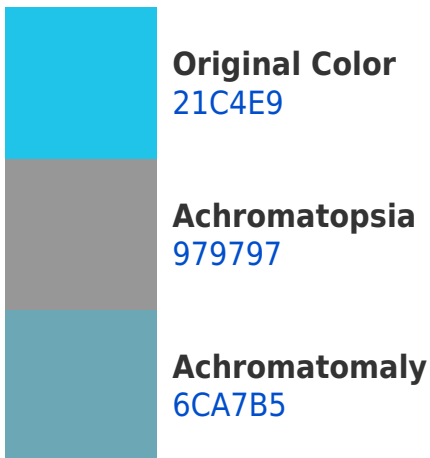


Tritanopia
00C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C4E9 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 #21C4E9 looks like.

```
.text, #text, p{  
    color:#21C4E9  
}
```

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 #21C4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C4E9
}
```

Border

The CSS property to change the border of an element to Hex 21C4E9 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
#21C4E9 }
```

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

```
.border{ border-color:#21C4E9 }
```

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

Here you see how a box with a 4 pixel #21C4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C4E9; -webkit-box-shadow:4px 4px  
4px 4px #21C4E9; box-shadow:4px 4px 4px  
4px #21C4E9 }
```

Background

The CSS property to change the background color of an element to Hex 21C4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C4E9 }
```

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

```
.background{ background-color:#21C4E9 }
```

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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