

Converting Colors

Hex(21C0CF)

Have a look what the booklet for
Hex(21C0CF) contains.

Hex(21C0CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(21C0CF)

Conversions

Conversions Part 1

Format	Color
Hex	21C0CF
RGB	33, 192, 207
RGB Percent	13%, 75%, 81%
CMY	0.8706, 0.2471, 0.1882
CMYK	0.84, 0.07, 0.00, 0.19
HSL	185°, 72%, 47%
HSV	185°, 84%, 81%
XYZ	30.7393, 42.5276, 65.6200
YIQ	146.1690, -99.5790, -29.0430

Conversions

Conversions Part 2

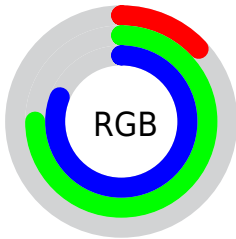
Format	Color
RYB	33, 116, 207
Decimal	2212047
CIELab	71.23, -32.80, -18.53
CIELCh	71, 37.673, 209.470
Yxy	42.5276, 0.2213, 0.3062
Android (android.graphics.Color)	4280402127 (0xFF21C0CF)
YUV	146.1690, 29.9897, -99.2492
Hunter-Lab	65.2132, -29.9841, -14.0106

Details

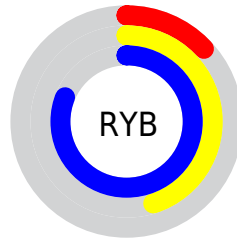
The Hex color **21C0CF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CF3021**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71F9FF**, and **008A99** is the 20% darker color. If you saturate the color by 10%, you get **0CBECF**, and if you desaturate by 10%, it is **36C2CF**.

Distribution



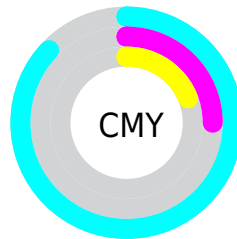
- Red (13%)
- Green (75%)
- Blue (81%)



- Red (13%)
- Yellow (45%)
- Blue (81%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (87%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C0CF 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 21C0CF by changing the saturation by 10% instead.

 21C0CF

 21C0CF

FFFFFF

 00A5B3

 71F9FF

 008A99

 91FFFF

 00707F

 B0FFFF

 005766

 CFFFFFF

 003F4E

 EFFFFFF

 002937

 000B22

 000008

 000000

■ 21C0CF

■ 21C0CF

■ 0CBECF

■ 36C2CF

■ 00BDCF

■ 4AC4CF

■ 5FC5CF

■ 74C7CF

■ 88C9CF

■ 9DCBCF

■ B2CCCF

■ C7CECF

■ DBD0CF

Harmonies

Analogous

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



4BC1AD



21C0CF



40BBE9

Triad

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



21C0CF



D99AD2



C6AC69

Complementary

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



21C0CF



CF3021

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.



E1A074



21C0CF



EE94B0

Square

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



21C0CF



B1A6EA



F0978E



A2B671

Rectangle

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



21C0CF



68B5F1



F0978E



D0A86B

Sweetspot

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



21C0CF



BFFAFF



21CF2F



597C80



000000



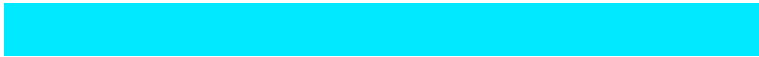
808080

Same Dimension

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



21C0CF



00E9FF



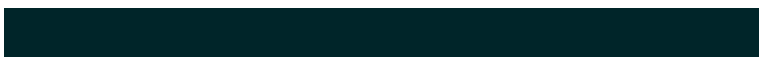
216ACF



5E6869



009AA8



002529

Inverse Universe

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



CF21C0



FF00E9



CF8721



695E68



A8009A



290025

Previews

White Background



This preview shows how the Hex color 21C0CF looks on a white background.

Color Contrast Check

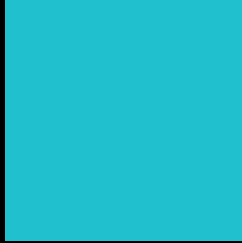
Large Text (above 18pt) WCAG AA × Fail

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 21C0CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

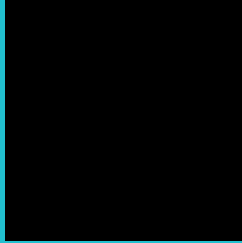
Any Text WCAG AA ✓ Pass

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 21C0CF Background



This preview shows how black text looks on a background with the Hex color 21C0CF.

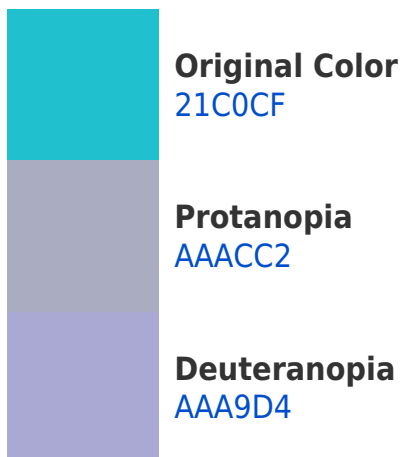


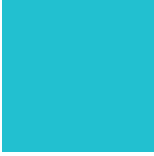
This preview shows how white text looks on a background with the Hex color 21C0CF.

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
22C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C0CF 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 #21C0CF looks like.

```
.text, #text, p{  
    color:#21C0CF  
}
```

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 #21C0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C0CF
}
```

Border

The CSS property to change the border of an element to Hex 21C0CF 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
#21C0CF }
```

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

```
.border{ border-color:#21C0CF }
```

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

Here you see how a box with a 4 pixel #21C0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C0CF; -webkit-box-shadow:4px 4px  
4px 4px #21C0CF; box-shadow:4px 4px 4px  
4px #21C0CF }
```

Background

The CSS property to change the background color of an element to Hex 21C0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C0CF }
```

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

```
.background{ background-color:#21C0CF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor