

Converting Colors

Hex(21C3BF)

Have a look what the booklet for
Hex(21C3BF) contains.

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Color

Hex(21C3BF)

Conversions

Conversions Part 1

Format	Color
Hex	21C3BF
RGB	33, 195, 191
RGB Percent	13%, 76%, 75%
CMY	0.8706, 0.2353, 0.2510
CMYK	0.83, 0.00, 0.02, 0.24
HSL	179°, 71%, 45%
HSV	179°, 83%, 76%
XYZ	29.5463, 43.1151, 56.0550
YIQ	146.1060, -95.2680, -35.5880

Conversions

Conversions Part 2

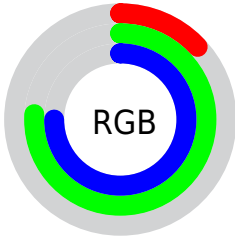
Format	Color
R _Y B	33, 115, 195
Decimal	2212799
CIE Lab	71.63, -39.02, -9.20
CIE LCh	72, 40.091, 193.269
Yxy	43.1151, 0.2295, 0.3350
Android (android.graphics.Color)	4280402879 (0xFF21C3BF)
YUV	146.1060, 22.1327, -99.1940
Hunter-Lab	65.6621, -34.5883, -4.6517

Details

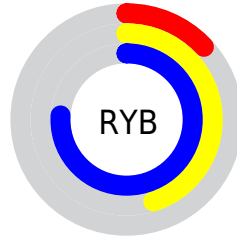
The Hex color **21C3BF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C32125**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FCF7**, and **008D8A** is the 20% darker color. If you saturate the color by 10%, you get **0DC3BF**, and if you desaturate by 10%, it is **34C3BF**.

Distribution



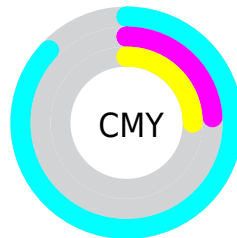
- Red (13%)
- Green (76%)
- Blue (75%)



- Red (13%)
- Yellow (45%)
- Blue (76%)



- Cyan (83%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)




- Cyan (87%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C3BF 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 21C3BF by changing the saturation by 10% instead.

 21C3BF

 21C3BF

FFFFFF

 00A7A4

 70FCF7

 008D8A

 8FFFFFFF

 007270

 AEFFFF

 005958

 CDFFFF

 004141

 ECFFFF

 002B2B

 000C17

 000000

 21C3BF

 21C3BF

0DC3BF

34C3BF

00C3BE

48C3C0

5BC3C0

6FC3C1

83C3C1

96C3C2

AAC3C2

BDC3C3

D0C3C3

Harmonies

Analogous

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



5FC199



21C3BF



00C0E0

Triad

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



21C3BF



C8A0E5



D9A66A

Complementary

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



21C3BF



C32125

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.



F09A7F



21C3BF



EA95C5

Square

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



21C3BF



95AEF6



F793A0



B7B267

Rectangle

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



21C3BF



39BCF0



F793A0



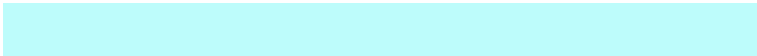
E2A26F

Sweetspot

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



21C3BF



BDFCFB



26C321



59807F



000000



808080

Same Dimension

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



21C3BF



00FCF6



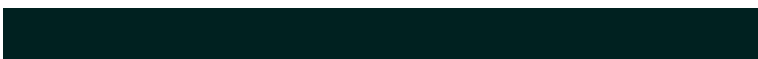
2177C3



576161



00A19D



002120

Inverse Universe

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



C32125



FC0006



C36D21



615757



A10004



210001

Previews

White Background



This preview shows how the Hex color 21C3BF 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 21C3BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

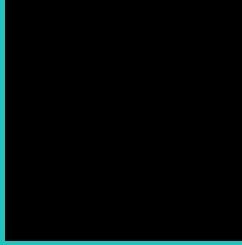
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

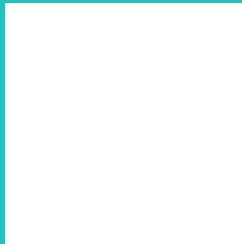
Any Text WCAG AAA ✓ Pass

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

Hex 21C3BF Background



This preview shows how black text looks on a background with the Hex color 21C3BF.

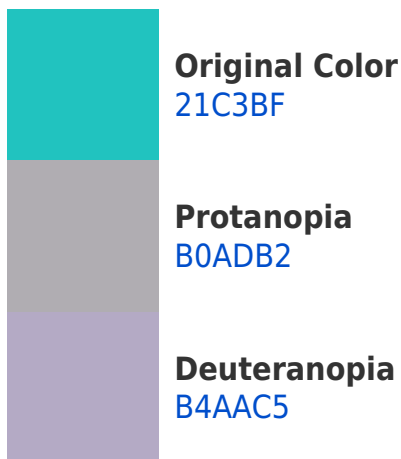


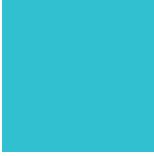
This preview shows how white text looks on a background with the Hex color 21C3BF.

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
31C0D0

Trichromacy



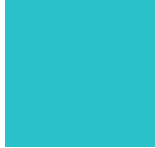
Original Color
21C3BF



Protanomaly
7CB5B7



Deuteranomaly
7FB3C3



Tritanomaly
2BC1CA

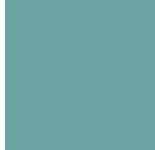
Monochromacy



Original Color
21C3BF



Achromatopsia
929292



Achromatomaly
69A4A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 21C3BF 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 #21C3BF looks like.

```
.text, #text, p{  
    color:#21C3BF  
}
```

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 #21C3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C3BF  
}
```

Border

The CSS property to change the border of an element to Hex 21C3BF 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  
#21C3BF }
```

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

```
.border{ border-color:#21C3BF }
```

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

Here you see how a box with a 4 pixel #21C3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C3BF; -webkit-box-shadow:4px 4px  
4px 4px #21C3BF; box-shadow:4px 4px 4px  
4px #21C3BF }
```

Background

The CSS property to change the background color of an element to Hex 21C3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C3BF }
```

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

```
.background{ background-color:#21C3BF }
```

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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