

Converting Colors

Hex(21C5BF)

Have a look what the booklet for
Hex(21C5BF) contains.

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Color

Hex(21C5BF)

Conversions

Conversions Part 1

Format	Color
Hex	21C5BF
RGB	33, 197, 191
RGB Percent	13%, 77%, 75%
CMY	0.8706, 0.2275, 0.2510
CMYK	0.83, 0.00, 0.03, 0.23
HSL	178°, 71%, 45%
HSV	178°, 83%, 77%
XYZ	29.9974, 44.0174, 56.2054
YIQ	147.2800, -95.8180, -36.6340

Conversions

Conversions Part 2

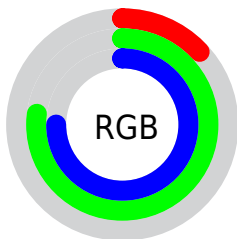
Format	Color
RYB	33, 117, 197
Decimal	2213311
CIELab	72.24, -39.92, -8.30
CIELCh	72, 40.776, 191.742
Yxy	44.0174, 0.2304, 0.3380
Android (android.graphics.Color)	4280403391 (0xFF21C5BF)
YUV	147.2800, 21.5540, -100.2236
Hunter-Lab	66.3456, -35.3981, -3.7862

Details

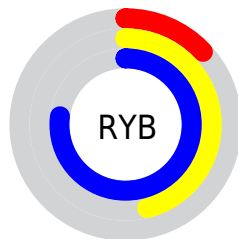
The Hex color **21C5BF** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C52127**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **70FEF7**, and **008E8A** is the 20% darker color. If you saturate the color by 10%, you get **0DC5BE**, and if you desaturate by 10%, it is **35C5C0**.

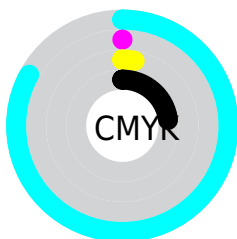
Distribution



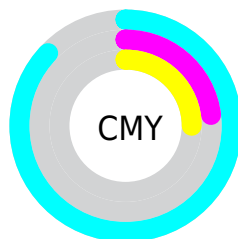
- Red (13%)
- Green (77%)
- Blue (75%)



- Red (13%)
- Yellow (46%)
- Blue (77%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (87%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C5BF 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 21C5BF by changing the saturation by 10% instead.

 21C5BF

 21C5BF

FFFFFF

 00A9A4

 70FEF7

 008E8A

 90FFFF

 007470

 AFFFFFFF

 005B58

 CEFFFF

 004241

 ECFFFF

 002C2B

 001017

 000000

 21C5BF

 21C5BF

0DC5BE

35C5C0

00C5BE

48C5C0

5CC5C1

70C5C2

84C5C3

97C5C3

ABC5C4

BFC5C5

D2C5C5

Harmonies

Analogous

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



62C399



21C5BF



00C2E2

Triad

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



21C5BF



C8A2E9



DDA76B

Complementary

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



21C5BF



C52127

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.



F39B81



21C5BF



EB97C9

Square

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



21C5BF



92B0FA



F994A4



BBB467

Rectangle

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



21C5BF



32BEF2



F994A4



E6A370

Sweetspot

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



21C5BF



BFFFFD



29C521



59807E



000000



808080

Same Dimension

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



21C5BF



00FFF6



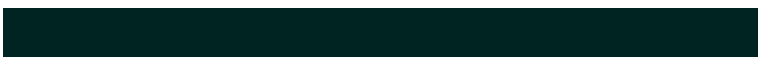
217BC5



5A6363



00A39D



002422

Inverse Universe

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



C52127



FF0009



C56B21



635A5A



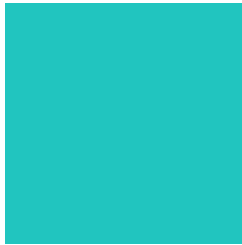
A30006



240001

Previews

White Background



This preview shows how the Hex color 21C5BF looks on a white background.

Color Contrast Check

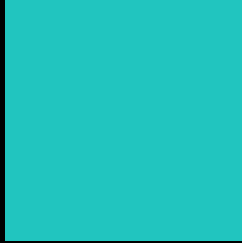
Large Text (above 18pt) WCAG AA × Fail

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 21C5BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

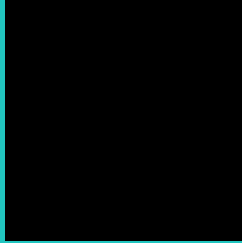
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

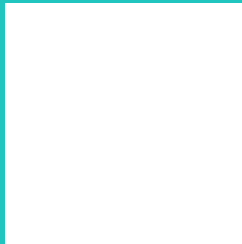
Any Text WCAG AAA ✓ Pass

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

Hex 21C5BF Background



This preview shows how black text looks on a background with the Hex color 21C5BF.



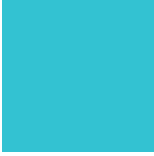
This preview shows how white text looks on a background with the Hex color 21C5BF.

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



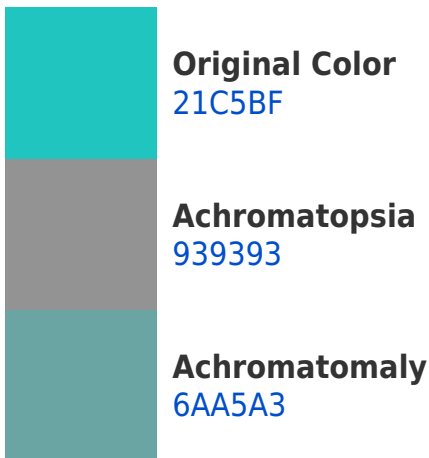


Tritanopia
33C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C5BF 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 #21C5BF looks like.

```
.text, #text, p{  
    color:#21C5BF  
}
```

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 #21C5BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C5BF
}
```

Border

The CSS property to change the border of an element to Hex 21C5BF 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
#21C5BF }
```

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

```
.border{ border-color:#21C5BF }
```

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

Here you see how a box with a 4 pixel #21C5BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C5BF; -webkit-box-shadow:4px 4px  
4px 4px #21C5BF; box-shadow:4px 4px 4px  
4px #21C5BF }
```

Background

The CSS property to change the background color of an element to Hex 21C5BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C5BF }
```

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

```
.background{ background-color:#21C5BF }
```

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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