

# Converting Colors

Hex(21C5BC)

Have a look what the booklet for  
Hex(21C5BC) contains.

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# Color

**Hex(21C5BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21C5BC
RGB	33, 197, 188
RGB Percent	13%, 77%, 74%
CMY	0.8706, 0.2275, 0.2627
CMYK	0.83, 0.00, 0.05, 0.23
HSL	177°, 71%, 45%
HSV	177°, 83%, 77%
XYZ	29.6706, 43.8867, 54.4841
YIQ	146.9380, -94.8550, -37.5670

# Conversions

## Conversions Part 2

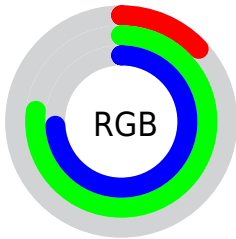
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 117, 197
Decimal	2213308
CIELab	72.15, -40.79, -6.79
CIElCh	72, 41.349, 189.457
Yxy	43.8867, 0.2317, 0.3428
Android (android.graphics.Color)	4280403388 (0xFF21C5BC)
YUV	146.9380, 20.2436, -99.9236
Hunter-Lab	66.2470, -35.9861, -2.3895

# Details

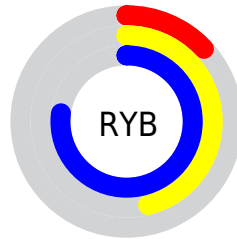
The Hex color **21C5BC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C5212A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **70FEF4**, and **008E87** is the 20% darker color. If you saturate the color by 10%, you get **0DC5BB**, and if you desaturate by 10%, it is **35C5BD**.

# Distribution



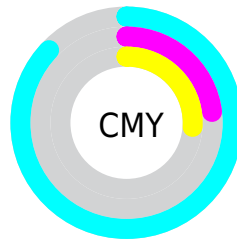
- Red (13%)
- Green (77%)
- Blue (74%)



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



- Cyan (83%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (87%)
- Magenta (23%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21C5BC 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 21C5BC by changing the saturation by 10% instead.



 21C5BC

 21C5BC

FFFFFF

 00A9A1

 70FEF4

 008E87

 8FFFFFFF

 00746E

 AEFFFF

 005B55

 CDFFFF

 00423E

 ECFFFF

 002C28

 000F15

 000000

 21C5BC

 21C5BC

0DC5BB

35C5BD

00C5BA

48C5BE

5CC5BF

70C5C0

84C5C1

97C5C2

ABC5C4

BFC5C5

D2C5C6

# Harmonies

## Analogous

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



64C395



21C5BC



00C3E0

# Triad

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



21C5BC



C5A3EB



DFA66A

# Complementary

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



21C5BC



C5212A

# 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.



F59983



21C5BC



EA97CC

# Square

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



21C5BC



8DB1FB



FA93A6



BEB365

# Rectangle

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



21C5BC



23BFF1



FA93A6



E8A171



# Sweetspot

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



21C5BC



BFFFFC



2CC521



59807D



000000



808080



# Same Dimension

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



21C5BC



00FFF1



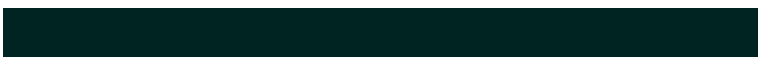
217EC5



5A6363



00A39A



002422



# Inverse Universe

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



C5212A



FF000E



C56821



635A5A



A30009



240002



# Previews

## White Background



This preview shows how the Hex color 21C5BC looks on a white background.

## Color Contrast Check

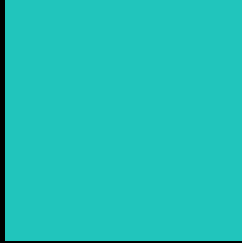
Large Text (above 18pt) WCAG AA × Fail

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 21C5BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

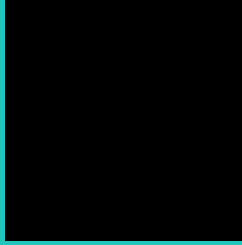
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

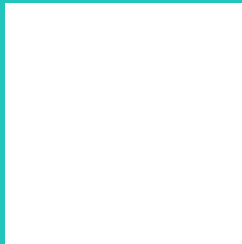
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 21C5BC Background



This preview shows how black text looks on a background with the Hex color 21C5BC.

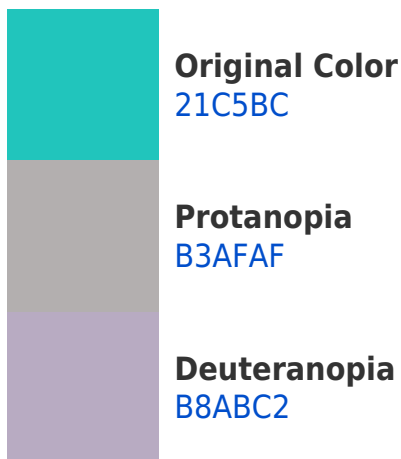


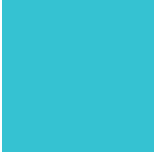
This preview shows how white text looks on a background with the Hex color 21C5BC.

# 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**  
35C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21C5BC 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 #21C5BC looks like.

```
.text, #text, p{  
    color:#21C5BC  
}
```

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 #21C5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C5BC
}
```

## Border

The CSS property to change the border of an element to Hex 21C5BC 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
#21C5BC }
```

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

```
.border{ border-color:#21C5BC }
```

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

Here you see how a box with a 4 pixel #21C5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C5BC; -webkit-box-shadow:4px 4px  
4px 4px #21C5BC; box-shadow:4px 4px 4px  
4px #21C5BC }
```

# Background

The CSS property to change the background color of an element to Hex 21C5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C5BC }
```

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

```
.background{ background-color:#21C5BC }
```

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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