

# Converting Colors

Hex(21C9B7)

Have a look what the booklet for  
Hex(21C9B7) contains.

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**Color**

**Hex(21C9B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21C9B7
RGB	33, 201, 183
RGB Percent	13%, 79%, 72%
CMY	0.8706, 0.2118, 0.2824
CMYK	0.84, 0.00, 0.09, 0.21
HSL	174°, 72%, 46%
HSV	174°, 84%, 79%
XYZ	30.0611, 45.5155, 52.0007
YIQ	148.7160, -94.3500, -41.2140

# Conversions

## Conversions Part 2

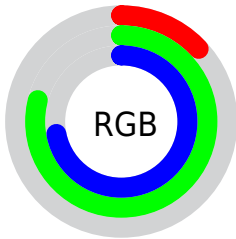
Format	Color
<a href="#">RYB</a>	<a href="#">33, 122, 201</a>
Decimal	<a href="#">2214327</a>
CIELab	<a href="#">73.23, -43.95, -2.49</a>
CIELCh	<a href="#">73, 44.019, 183.238</a>
Yxy	<a href="#">45.5155, 0.2356, 0.3568</a>
Android (android.graphics.Color)	<a href="#">4280404407 (0xFF21C9B7)</a>
YUV	<a href="#">148.7160, 16.9020, -101.4829</a>
Hunter-Lab	<a href="#">67.4652, -38.5282, 1.5262</a>

# Details

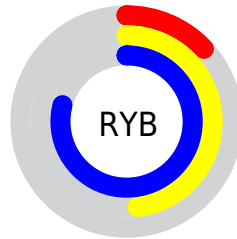
The Hex color **21C9B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C92133**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFEF**, and **009282** is the 20% darker color. If you saturate the color by 10%, you get **0DC9B5**, and if you desaturate by 10%, it is **35C9B9**.

# Distribution



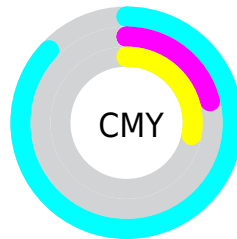
- Red (13%)
- Green (79%)
- Blue (72%)



- Red (13%)
- Yellow (48%)
- Blue (79%)



- Cyan (84%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (87%)
- Magenta (21%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21C9B7 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 21C9B7 by changing the saturation by 10% instead.



 21C9B7

 21C9B7

FFFFFF

 00AD9C

 70FFEF

 009282

 90FFFF

 007869

 AFFFFFF

 005E51

 CDFFFF

 00453A

 ECFFFF

 002E25

 001410

 000000

 21C9B7

 21C9B7

0DC9B5

35C9B9

00C9B3

49C9BB

5DC9BD

71C9C0

86C9C2

9AC9C4

AEC9C6

C2C9C8

D6C9CA

# Harmonies

## Analogous

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



6DC68E



21C9B7



00C8DF

# Triad

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



21C9B7



BEA8F7



EBA56C

# Complementary

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



21C9B7



C92133

# 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.



FF988A



21C9B7



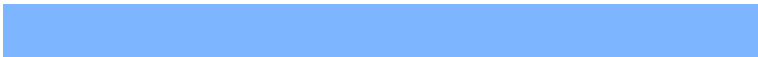
EA9AD9

# Square

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



21C9B7



7DB6FF



FF93B1



C9B362

# Rectangle

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



21C9B7



00C4F3



FF93B1



F3A075

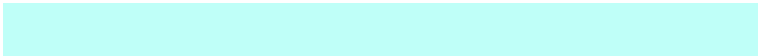


# Sweetspot

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



21C9B7



BFFFF8



35C921



59807B



000000



808080



# Same Dimension

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



21C9B7



00FFE4



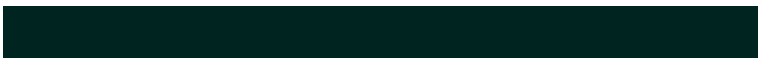
2189C9



5A6362



00A392



002420



# Inverse Universe

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



C92133



FF001B



C96121



635A5B



A30011

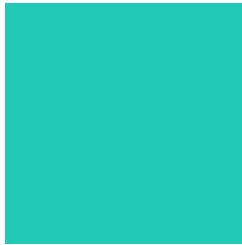


240004



# Previews

## White Background



This preview shows how the Hex color 21C9B7 looks on a white background.

## Color Contrast Check

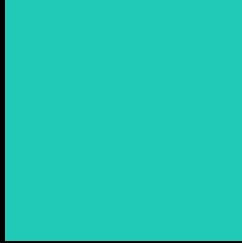
Large Text (above 18pt) WCAG AA × Fail

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 21C9B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

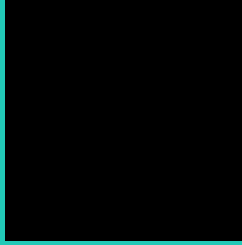
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

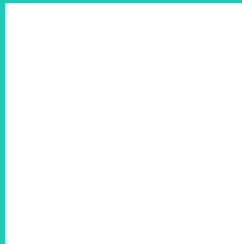
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 21C9B7 Background



This preview shows how black text looks on a background with the Hex color 21C9B7.

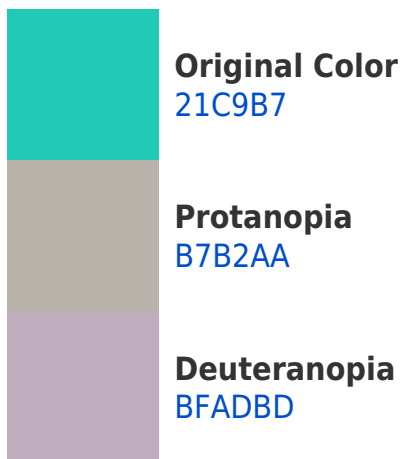


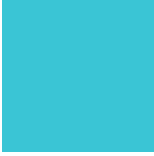
This preview shows how white text looks on a background with the Hex color 21C9B7.

# 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**  
3AC5D5

# Trichromacy



**Original Color**  
21C9B7



**Protanomaly**  
80BAAF



**Deuteranomaly**  
86B7BB



**Tritanomaly**  
31C6CA

# Monochromacy



**Original Color**  
21C9B7



**Achromatopsia**  
959595



**Achromatomaly**  
6BA8A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21C9B7 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 #21C9B7 looks like.

```
.text, #text, p{  
    color:#21C9B7  
}
```

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 #21C9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C9B7
}
```

## Border

The CSS property to change the border of an element to Hex 21C9B7 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
#21C9B7 }
```

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

```
.border{ border-color:#21C9B7 }
```

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

Here you see how a box with a 4 pixel #21C9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C9B7; -webkit-box-shadow:4px 4px  
4px 4px #21C9B7; box-shadow:4px 4px 4px  
4px #21C9B7 }
```

# Background

The CSS property to change the background color of an element to Hex 21C9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C9B7 }
```

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

```
.background{ background-color:#21C9B7 }
```

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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