

Converting Colors

Hex(21BCB1)

Have a look what the booklet for
Hex(21BCB1) contains.

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Color

Hex(21BCB1)

Conversions

Conversions Part 1

Format	Color
Hex	21BCB1
RGB	33, 188, 177
RGB Percent	13%, 74%, 69%
CMY	0.8706, 0.2627, 0.3059
CMYK	0.82, 0.00, 0.06, 0.26
HSL	176°, 70%, 43%
HSV	176°, 82%, 74%
XYZ	26.5462, 39.4641, 47.8132
YIQ	140.4010, -88.8490, -36.2810

Conversions

Conversions Part 2

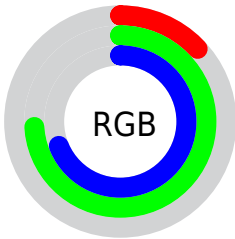
Format	Color
RYB	33, 113, 188
Decimal	2210993
CIELab	69.09, -39.92, -5.32
CIELCh	69, 40.271, 187.587
Yxy	39.4641, 0.2332, 0.3467
Android (android.graphics.Color)	4280401073 (0xFF21BCB1)
YUV	140.4010, 18.0433, -94.1907
Hunter-Lab	62.8205, -34.5065, -1.1518

Details

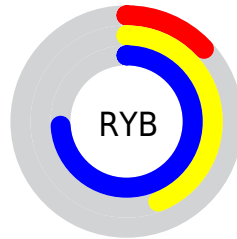
The Hex color **21BCB1** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BC212C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DF5E9**, and **00867D** is the 20% darker color. If you saturate the color by 10%, you get **0EBCB0**, and if you desaturate by 10%, it is **34BCB2**.

Distribution



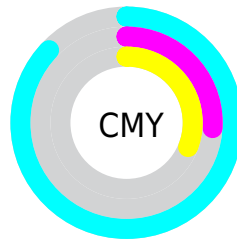
- Red (13%)
- Green (74%)
- Blue (69%)



- Red (13%)
- Yellow (44%)
- Blue (74%)



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (87%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21BCB1 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 21BCB1 by changing the saturation by 10% instead.

 21BCB1

 21BCB1

FFFFFF

 00A196

 6DF5E9

 00867D

 8CFFFF

 006C64

 ABFFFF

 00534C

 C9FFFF

 003B35

 E8FFFF

 002620

 000009

 000000

 21BCB1

 21BCB1

0EBCB0

34BCB2

00BCAF

47BCB4

59BCB5

6CBCB6

7FBCB8

92BCB9

A5BCBA

B7BCBC

CABCBD

Harmonies

Analogous

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



62BA8C



21BCB1



00BAD4

Triad

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



21BCB1



B99CE3



D79D66

Complementary

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



21BCB1



BC212C

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.



EB917E



21BCB1



DE90C5

Square

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



21BCB1



82A9F1



EE8CA1



B7A95F

Rectangle

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



21BCB1



12B6E5



EE8CA1



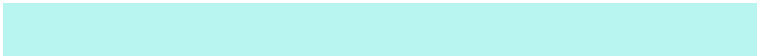
DF996C

Sweetspot

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



21BCB1



B8F5F0



2EBC21



567A78



FAFAFA



7A7A7A

Same Dimension

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



21BCB1



02F5E4



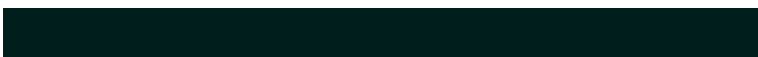
217BBC



555E5E



009E93



001F1C

Inverse Universe

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



BC212C



F50214



BC6221



5E5556



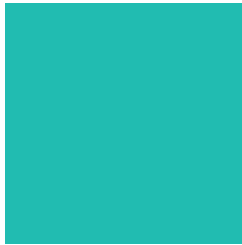
9E000B



1F0002

Previews

White Background



This preview shows how the Hex color 21BCB1 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 21BCB1 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

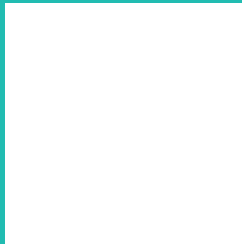
Any Text WCAG AAA ✓ Pass

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

Hex 21BCB1 Background



This preview shows how black text looks on a background with the Hex color 21BCB1.

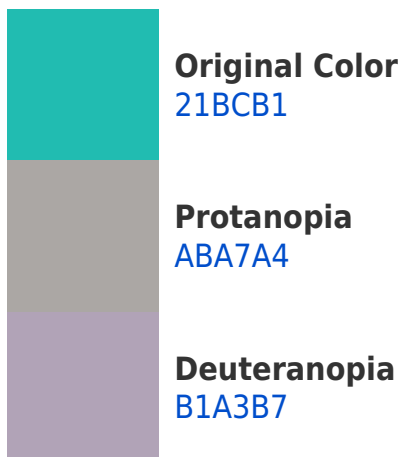


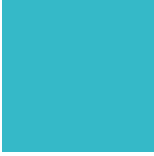
This preview shows how white text looks on a background with the Hex color 21BCB1.

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
35B9C8

Trichromacy



Original Color
21BCB1



Protanomaly
79AFA9



Deuteranomaly
7DACB5



Tritanomaly
2EBAC0

Monochromacy



Original Color
21BCB1



Achromatopsia
8C8C8C



Achromatomaly
659D99

CSS Examples

Text

The CSS property to change the color of the text to Hex 21BCB1 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 #21BCB1 looks like.

```
.text, #text, p{  
    color:#21BCB1  
}
```

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 #21BCB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21BCB1
}
```

Border

The CSS property to change the border of an element to Hex 21BCB1 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
#21BCB1 }
```

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

```
.border{ border-color:#21BCB1 }
```

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

Here you see how a box with a 4 pixel #21BCB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21BCB1; -webkit-box-shadow:4px 4px  
4px 4px #21BCB1; box-shadow:4px 4px 4px  
4px #21BCB1 }
```

Background

The CSS property to change the background color of an element to Hex 21BCB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21BCB1 }
```

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

```
.background{ background-color:#21BCB1 }
```

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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