

Converting Colors

Hex(21B5AB)

Have a look what the booklet for
Hex(21B5AB) contains.

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Color

Hex(21B5AB)

Conversions

Conversions Part 1

Format	Color
Hex	21B5AB
RGB	33, 181, 171
RGB Percent	13%, 71%, 67%
CMY	0.8706, 0.2902, 0.3294
CMYK	0.82, 0.00, 0.06, 0.29
HSL	176°, 69%, 42%
HSV	176°, 82%, 71%
XYZ	24.5018, 36.3114, 44.2455
YIQ	135.6080, -84.9980, -34.4860

Conversions

Conversions Part 2

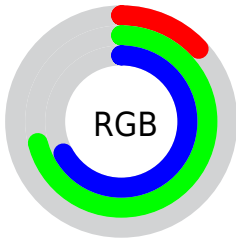
Format	Color
RYB	33, 110, 181
Decimal	2209195
CIELab	66.76, -38.50, -5.45
CIELCh	67, 38.879, 188.063
Yxy	36.3114, 0.2332, 0.3456
Android (android.graphics.Color)	4280399275 (0xFF21B5AB)
YUV	135.6080, 17.4483, -89.9872
Hunter-Lab	60.2589, -32.8735, -1.3528

Details

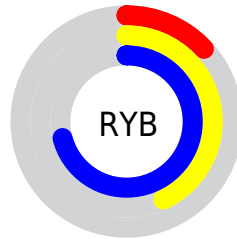
The Hex color **21B5AB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B5212B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6BEEE2**, and **007F77** is the 20% darker color. If you saturate the color by 10%, you get **0FB5AA**, and if you desaturate by 10%, it is **33B5AC**.

Distribution



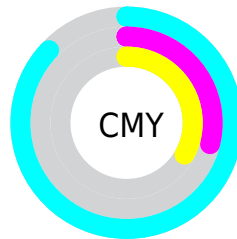
- Red (13%)
- Green (71%)
- Blue (67%)



- Red (13%)
- Yellow (43%)
- Blue (71%)



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (87%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B5AB 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 21B5AB by changing the saturation by 10% instead.

 21B5AB

 21B5AB

FFFFFF

 009A91

 6BEEE2

 007F77

 8AFFFF

 00665E

 A8FFFF

 004D47

 C7FFFF

 003530

 E5FFFF

 00201C

 000000

 21B5AB

 21B5AB

 0FB5AA

 33B5AC

00B5A9

45B5AD

57B5AF

69B5B0

7CB5B1

8EB5B2

A0B5B4

B2B5B5

C4B5B6

Harmonies

Analogous

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



5EB387



21B5AB



00B3CC

Triad

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



21B5AB



B396DA



CE9762

Complementary

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



21B5AB



B5212B

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.



E28C79



21B5AB



D68BBD

Square

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



21B5AB



7EA3E7



E6879A



B0A35C

Rectangle

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



21B5AB



19B0DD



E6879A



D69368

Sweetspot

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



21B5AB



B0EBE7



2DB521



527573



F5F5F5



757575

Same Dimension

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



21B5AB



05EBDB



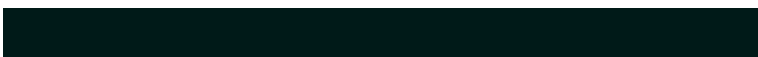
2177B5



505959



00998F



001A18

Inverse Universe

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



B5212B



EB0514



B55F21



595051



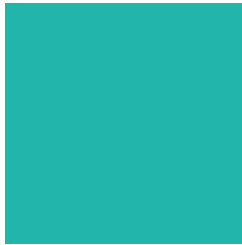
99000A



1A0002

Previews

White Background



This preview shows how the Hex color 21B5AB 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 21B5AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

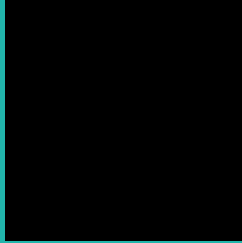
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

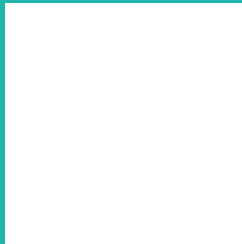
Any Text WCAG AAA ✓ Pass

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

Hex 21B5AB Background



This preview shows how black text looks on a background with the Hex color 21B5AB.

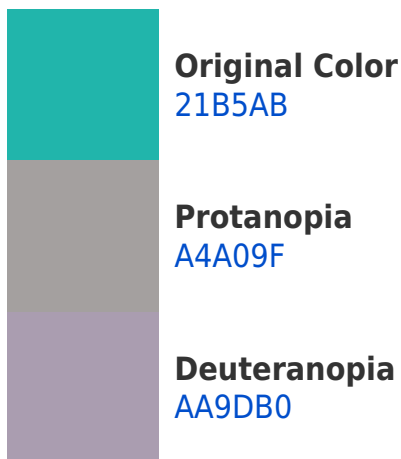


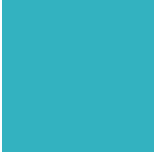
This preview shows how white text looks on a background with the Hex color 21B5AB.

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](#).

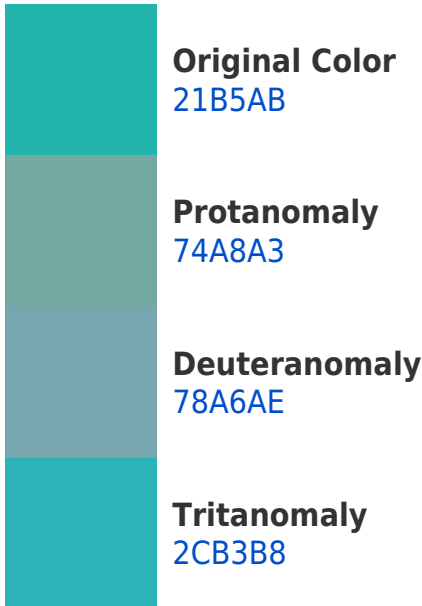
Dichromacy



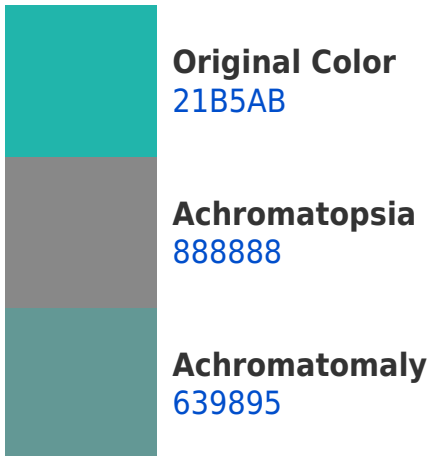


Tritanopia
33B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B5AB 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 #21B5AB looks like.

```
.text, #text, p{  
    color:#21B5AB  
}
```

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 #21B5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B5AB
}
```

Border

The CSS property to change the border of an element to Hex 21B5AB 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
#21B5AB }
```

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

```
.border{ border-color:#21B5AB }
```

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

Here you see how a box with a 4 pixel #21B5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B5AB; -webkit-box-shadow:4px 4px  
4px 4px #21B5AB; box-shadow:4px 4px 4px  
4px #21B5AB }
```

Background

The CSS property to change the background color of an element to Hex 21B5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B5AB }
```

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

```
.background{ background-color:#21B5AB }
```

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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