

# Converting Colors

Hex(1AB5C3)

Have a look what the booklet for  
Hex(1AB5C3) contains.

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# Color

Hex(1AB5C3)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AB5C3
RGB	26, 181, 195
RGB Percent	10%, 71%, 76%
CMY	0.8980, 0.2902, 0.2353
CMYK	0.87, 0.07, 0.00, 0.24
HSL	185°, 76%, 43%
HSV	185°, 87%, 76%
XYZ	26.8002, 37.2075, 57.3990
YIQ	136.2510, -96.8740, -28.5060

# Conversions

## Conversions Part 2

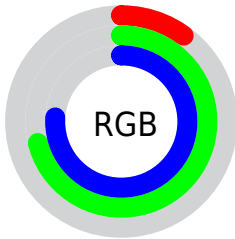
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 107, 195
Decimal	1750467
CIE <sub>Lab</sub>	67.43, -31.75, -17.72
CIE <sub>LCh</sub>	67, 36.359, 209.159
Yxy	37.2075, 0.2207, 0.3065
Android (android.graphics.Color)	4279940547 (0xFF1AB5C3)
YUV	136.2510, 28.9633, -96.6901
Hunter-Lab	60.9979, -28.3202, -13.0933

# Details

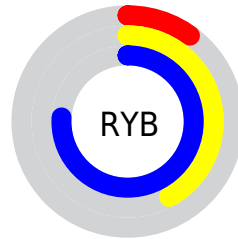
The Hex color **1AB5C3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **C3281A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6BEDFC**, and **00808D** is the 20% darker color. If you saturate the color by 10%, you get **06B3C3**, and if you desaturate by 10%, it is **2DB7C3**.

# Distribution



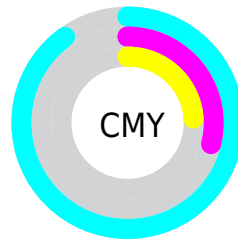
- Red (10%)
- Green (71%)
- Blue (76%)



- Red (10%)
- Yellow (42%)
- Blue (76%)



- Cyan (87%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (90%)
- Magenta (29%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AB5C3 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 1AB5C3 by changing the saturation by 10% instead.





1AB5C3



1AB5C3

FFFFFF



009AA8



6BEDFC



00808D



8BFFFF



006674



AAFFFF



004E5B



C9FFFF



003644



E7FFFF



00232D



000119



000000



1AB5C3



1AB5C3

06B3C3

2DB7C3

00B3C3

41B8C3

54BAC3

68BBC3

7BBDC3

8FBFC3

A2C0C3

B6C2C3

C9C4C3

# Harmonies

## Analogous

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



46B6A2



1AB5C3



39B0DC

# Triad

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



1AB5C3



CD91C6



BBA262

# Complementary

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



1A5C3



C3281A

# 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.



D5976D



1AB5C3



E18BA6

# Square

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



1AB5C3



A79CDD



E38D86



99AC6A

# Rectangle

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



1AB5C3



60ABE4



E38D86



C49E64



# Sweetspot

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



1AB5C3



BBF7FC



1AC325



587C80



000000



808080



# Same Dimension

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



1AB5C3



00E8FC



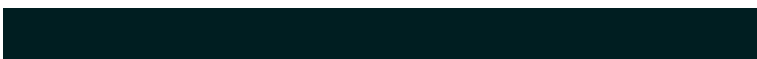
1A63C3



576061



0093A1



001E21



# Inverse Universe

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



C31AB5



FC00E8



C37A1A



615760



A10093

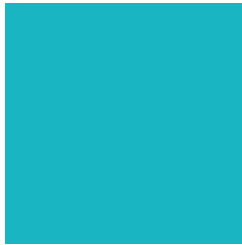


21001E



# Previews

## White Background



This preview shows how the Hex color 1AB5C3 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 1AB5C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

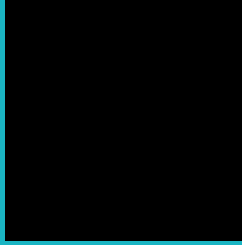
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1AB5C3 Background



This preview shows how black text looks on a background with the Hex color 1AB5C3.

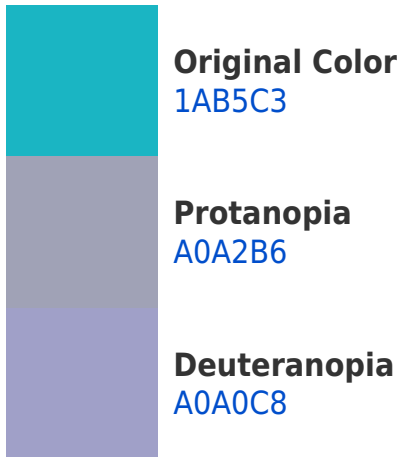


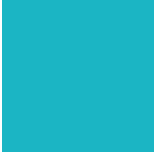
This preview shows how white text looks on a background with the Hex color 1AB5C3.

# 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](#).

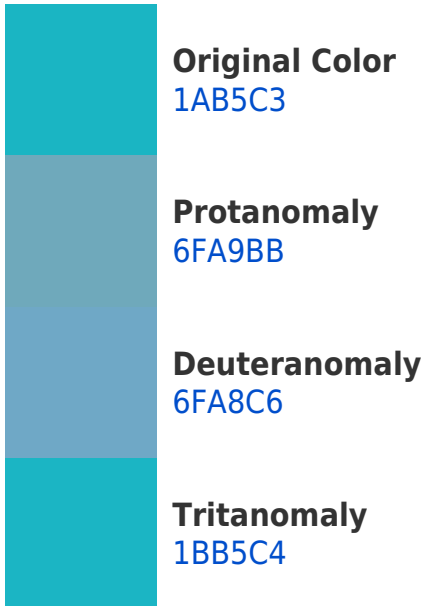
## Dichromacy



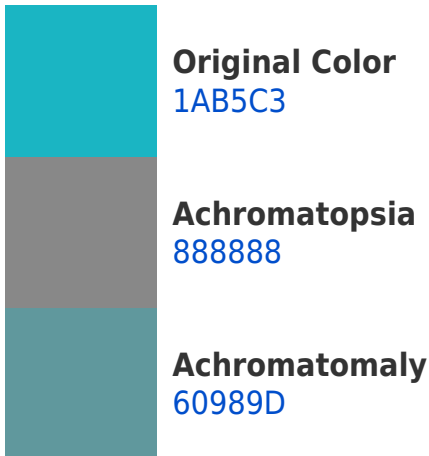


**Tritanopia**  
1BB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AB5C3 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 #1AB5C3 looks like.

```
.text, #text, p{  
    color:#1AB5C3  
}
```

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 #1AB5C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB5C3
}
```

## Border

The CSS property to change the border of an element to Hex 1AB5C3 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
#1AB5C3 }
```

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

```
.border{ border-color:#1AB5C3 }
```

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

Here you see how a box with a 4 pixel #1AB5C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB5C3; -webkit-box-shadow:4px 4px  
4px 4px #1AB5C3; box-shadow:4px 4px 4px  
4px #1AB5C3 }
```

# Background

The CSS property to change the background color of an element to Hex 1AB5C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB5C3 }
```

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

```
.background{ background-color:#1AB5C3 }
```

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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