

Converting Colors

Hex(5AB1B1)

Have a look what the booklet for
Hex(5AB1B1) contains.

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Color

Hex(5AB1B1)

Conversions

Conversions Part 1

Format	Color
Hex	5AB1B1
RGB	90, 177, 177
RGB Percent	35%, 69%, 69%
CMY	0.6471, 0.3059, 0.3059
CMYK	0.49, 0.00, 0.00, 0.31
HSL	180°, 36%, 52%
HSV	180°, 49%, 69%
XYZ	27.8744, 36.7923, 47.2275
YIQ	150.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

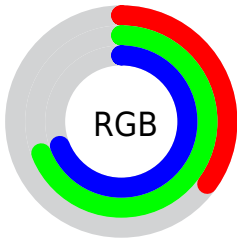
Format	Color
RYB	90, 134, 177
Decimal	5943729
CIELab	67.12, -26.09, -8.08
CIElCh	67, 27.309, 197.214
Yxy	36.7923, 0.2491, 0.3288
Android (android.graphics.Color)	4284133809 (0xFF5AB1B1)
YUV	150.9870, 12.8244, -53.4856
Hunter-Lab	60.6566, -24.1205, -3.7038

Details

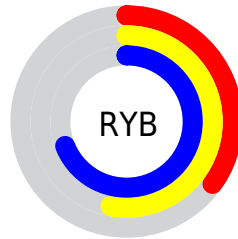
The Hex color **5AB1B1** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B15A5A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **92E9E9**, and **1B7C7D** is the 20% darker color. If you saturate the color by 10%, you get **48B1B1**, and if you desaturate by 10%, it is **6CB1B1**.

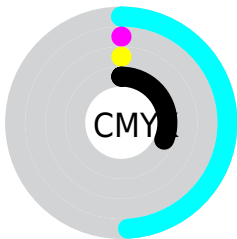
Distribution



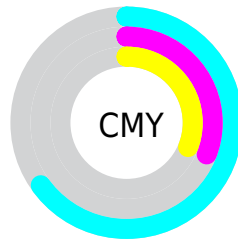
- Red (35%)
- Green (69%)
- Blue (69%)



- Red (35%)
- Yellow (53%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB1B1 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 5AB1B1 by changing the saturation by 10% instead.

 5AB1B1

 5AB1B1

FFFFFF

 3D9696

 92E9E9

 1B7C7D

 AFFFFFFF

 006364

 CCFFFF

 004B4C

 E9FFFF

 003335

 002020

 000008

 000000

 5AB1B1

 5AB1B1

48B1B1

6CB1B1

37B1B1

7DB1B1

25B1B1

8FB1B1

13B1B1

A1B1B1

01B1B1

B3B1B1

00B1B1

C4B1B1

D6B1B1

E8B1B1

F9B1B1

Harmonies

Analogous

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



6FB098



5AB1B1



5BAEC7

Triad

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



5AB1B1



B898C5



BF9E74

Complementary

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



5AB1B1



B15A5A

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.



CF9680



5AB1B1



CD92AF

Square

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



5AB1B1



98A1D2



D59296



A6A674

Rectangle

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



5AB1B1



6BABD0



D59296



C59B77

Sweetspot

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



5AB1B1



C3E6E6



5AB15A



5E7373



F2F2F2



737373

Same Dimension

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



5AB1B1



5EE6E6



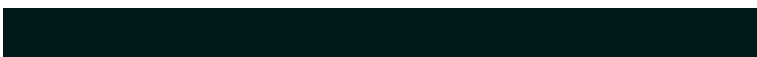
5A86B1



505959



009999



001A1A

Inverse Universe

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



B15AB1



E65EE6



B1865A



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 5AB1B1 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 5AB1B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

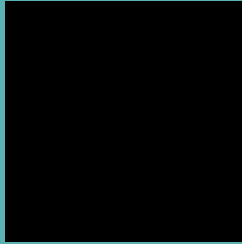
Any Text WCAG AA ✓ Pass

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 5AB1B1 Background



This preview shows how black text looks on a background with the Hex color 5AB1B1.

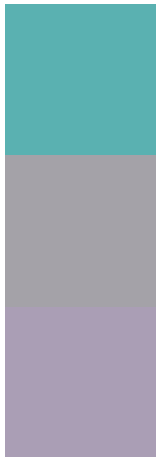


This preview shows how white text looks on a background with the Hex color 5AB1B1.

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](#).

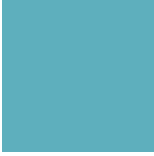
Dichromacy



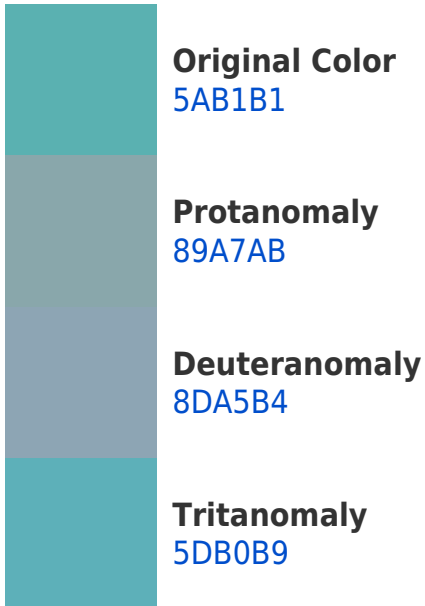
Original Color
5AB1B1

Protanopia
A4A2A8

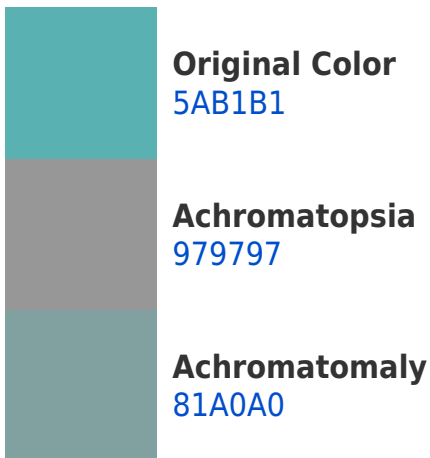
Deuteranopia
AA9EB5



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB1B1 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 #5AB1B1 looks like.

```
.text, #text, p{  
    color:#5AB1B1  
}
```

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 #5AB1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB1B1
}
```

Border

The CSS property to change the border of an element to Hex 5AB1B1 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
#5AB1B1 }
```

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

```
.border{ border-color:#5AB1B1 }
```

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

Here you see how a box with a 4 pixel #5AB1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB1B1; -webkit-box-shadow:4px 4px  
4px 4px #5AB1B1; box-shadow:4px 4px 4px  
4px #5AB1B1 }
```

Background

The CSS property to change the background color of an element to Hex 5AB1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB1B1 }
```

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

```
.background{ background-color:#5AB1B1 }
```

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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