

Converting Colors

Hex(51B4AB)

Have a look what the booklet for
Hex(51B4AB) contains.

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Color

Hex(51B4AB)

Conversions

Conversions Part 1

Format	Color
Hex	51B4AB
RGB	81, 180, 171
RGB Percent	32%, 71%, 67%
CMY	0.6824, 0.2941, 0.3294
CMYK	0.55, 0.00, 0.05, 0.29
HSL	175°, 40%, 51%
HSV	175°, 55%, 71%
XYZ	27.0653, 37.3321, 44.3074
YIQ	149.3730, -56.1150, -23.7870

Conversions

Conversions Part 2

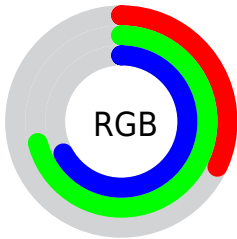
Format	Color
R_{YB}	81, 133, 180
Decimal	5354667
CIE _{Lab}	67.53, -31.07, -4.20
CIE _{LCh}	68, 31.357, 187.693
Yxy	37.3321, 0.2490, 0.3434
Android (android.graphics.Color)	4283544747 (0xFF51B4AB)
YUV	149.3730, 10.6621, -59.9631
Hunter-Lab	61.1000, -27.8554, -0.2248

Details

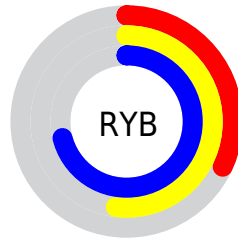
The Hex color **51B4AB** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B4515A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8BECE2**, and **017F77** is the 20% darker color. If you saturate the color by 10%, you get **3FB4A9**, and if you desaturate by 10%, it is **63B4AD**.

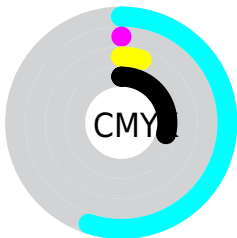
Distribution



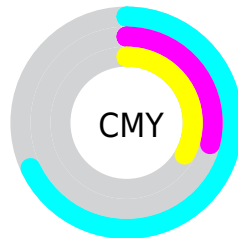
- Red (32%)
- Green (71%)
- Blue (67%)



- Red (32%)
- Yellow (52%)
- Blue (71%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)




- Cyan (68%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B4AB 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 51B4AB by changing the saturation by 10% instead.

 51B4AB

 51B4AB

FFFFFF

 329991

 8BECE2

 017F77

 A7FFFF

 00655E

 C4FFFF

 004D47


 E2FFFF

 003530

 00221B

 000000

 51B4AB

 51B4AB

 3FB4A9

 63B4AD

■ 2DB4A8

■ 75B4AE

■ 1BB4A6

■ 87B4B0

■ 09B4A4

■ 99B4B2

■ 00B4A4

■ ABB4B3

■ BDB4B5

■ CFB4B6

■ E1B4B8

■ F3B4BA

Harmonies

Analogous

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



70B28E



51B4AB



45B2C6

Triad

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



51B4AB



B29BD1



CA9B71

Complementary

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



51B4AB



B4515A

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.



DA9383



51B4AB



CE92BB

Square

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



51B4AB



8AA5DC



DC8F9E



B1A56C

Rectangle

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



51B4AB



53AFD3



DC8F9E



D09876

Sweetspot

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



51B4AB



C3EBE7



5BB451



5E7573



F5F5F5



757575

Same Dimension

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



51B4AB



50EBDD



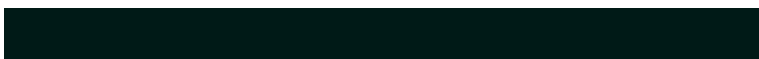
518CB4



505958



00998B



001A17

Inverse Universe

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



B4515A



EB505E



B47951



595051



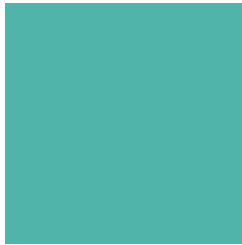
99000E



1A0002

Previews

White Background



This preview shows how the Hex color 51B4AB looks on a white background.

Color Contrast Check

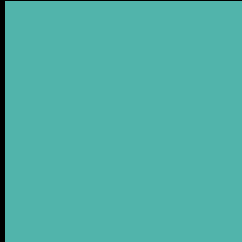
Large Text (above 18pt) WCAG AA × Fail

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 51B4AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

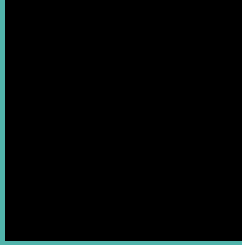
Any Text WCAG AA ✓ Pass

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 51B4AB Background



This preview shows how black text looks on a background with the Hex color 51B4AB.

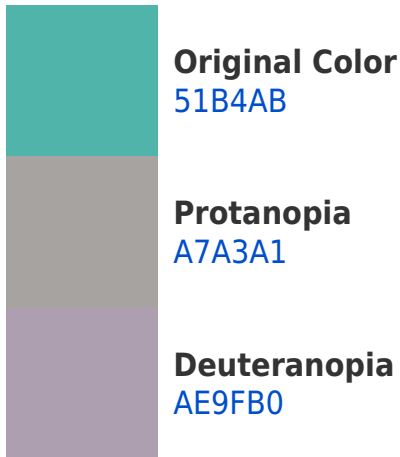


This preview shows how white text looks on a background with the Hex color 51B4AB.

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](#).

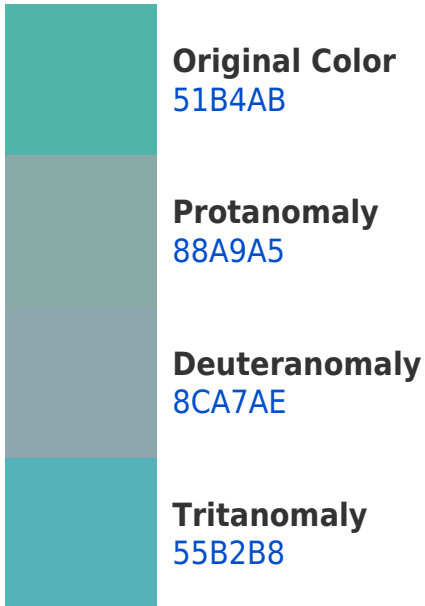
Dichromacy





Tritanopia
58B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51B4AB 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 #51B4AB looks like.

```
.text, #text, p{  
    color:#51B4AB  
}
```

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 #51B4AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B4AB
}
```

Border

The CSS property to change the border of an element to Hex 51B4AB 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
#51B4AB }
```

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

```
.border{ border-color:#51B4AB }
```

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

Here you see how a box with a 4 pixel #51B4AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B4AB; -webkit-box-shadow:4px 4px  
4px 4px #51B4AB; box-shadow:4px 4px 4px  
4px #51B4AB }
```

Background

The CSS property to change the background color of an element to Hex 51B4AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B4AB }
```

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

```
.background{ background-color:#51B4AB }
```

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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