

Converting Colors

Hex(51ABAB)

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

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Color

Hex(51ABAB)

Conversions

Conversions Part 1

Format	Color
Hex	51ABAB
RGB	81, 171, 171
RGB Percent	32%, 67%, 67%
CMY	0.6824, 0.3294, 0.3294
CMYK	0.53, 0.00, 0.00, 0.33
HSL	180°, 36%, 49%
HSV	180°, 53%, 67%
XYZ	25.3069, 33.8154, 43.7213
YIQ	144.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

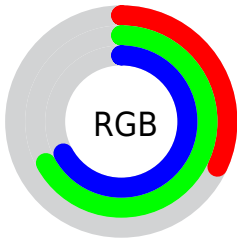
Format	Color
R_{YB}	81, 126, 171
Decimal	5352363
CIE _{Lab}	64.82, -26.68, -8.21
CIE _{LCh}	65, 27.915, 197.111
Yxy	33.8154, 0.2461, 0.3288
Android (android.graphics.Color)	4283542443 (0xFF51ABAB)
YUV	144.0900, 13.2666, -55.3299
Hunter-Lab	58.1510, -24.0823, -3.8719

Details

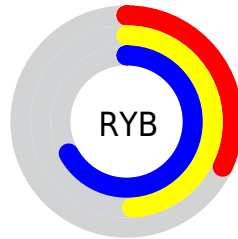
The Hex color **51ABAB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB5151**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8AE3E2**, and **077677** is the 20% darker color. If you saturate the color by 10%, you get **40ABAB**, and if you desaturate by 10%, it is **62ABAB**.

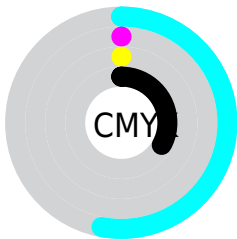
Distribution



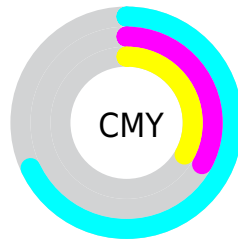
- Red (32%)
- Green (67%)
- Blue (67%)



- Red (32%)
- Yellow (49%)
- Blue (67%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

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

 51ABAB

 51ABAB

FFFFFF

 339091

 8AE3E2

 077677

 A6FFFF

 005D5E

 C3FFFF

 004547

 E0FFFF

 002E30

FEFFFF

 001A1B

 000000

 51ABAB

 51ABAB

 40ABAB

 62ABAB

2FABAB

73ABAB

1EABAB

84ABAB

0DABAB

95ABAB

00ABAB

A6ABAB

B8ABAB

C9ABAB

DAABAB

EBABAB

Harmonies

Analogous

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



67AA91



51ABAB



52A9C1

Triad

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



51ABAB



B292BF



B9986D

Complementary

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



51ABAB



AB5151

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.



CA907A



51ABAB



C88CA9

Square

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



51ABAB



929BCD



CF8B90



A0A06D

Rectangle

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



51ABAB



62A5CB



CF8B90



BF9570

Sweetspot

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



51ABAB



BADEDE



51AB51



5B7070



F0F0F0



707070

Same Dimension

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



51ABAB



52DEDE



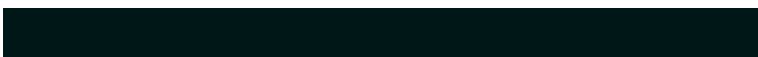
517EAB



4E5757



009696



001717

Inverse Universe

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



AB51AB



DE52DE



AB7E51



574E57



960096



170017

Previews

White Background



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

Color Contrast Check

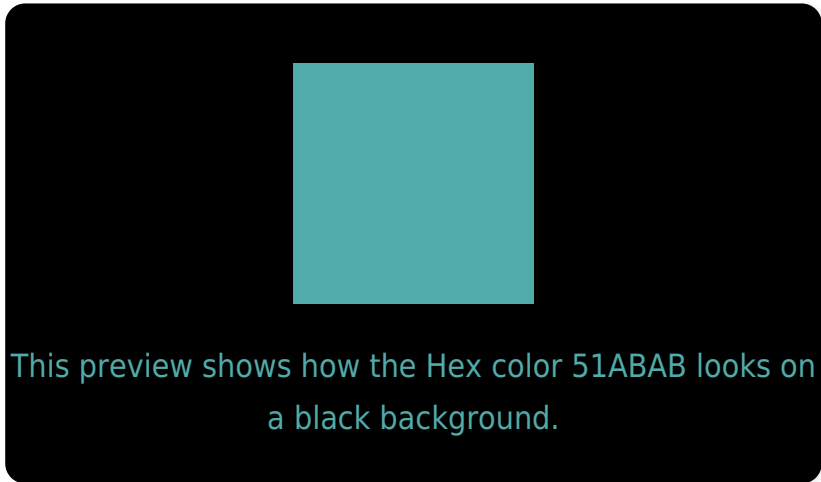
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

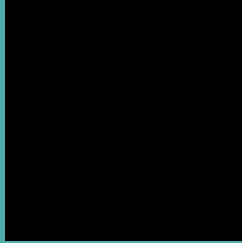
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

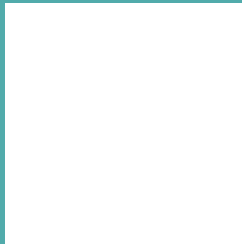
Any Text WCAG AAA ✓ Pass

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

Hex 51ABAB Background



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

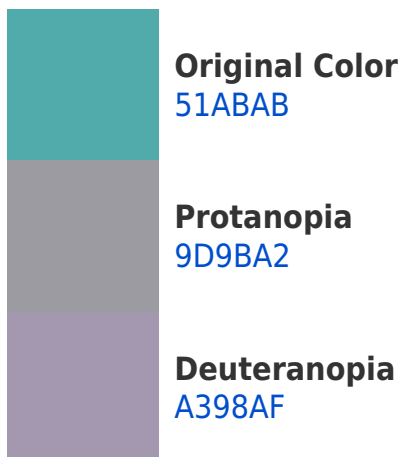


This preview shows how white text looks on a background with the Hex color 51ABAB.

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](#).

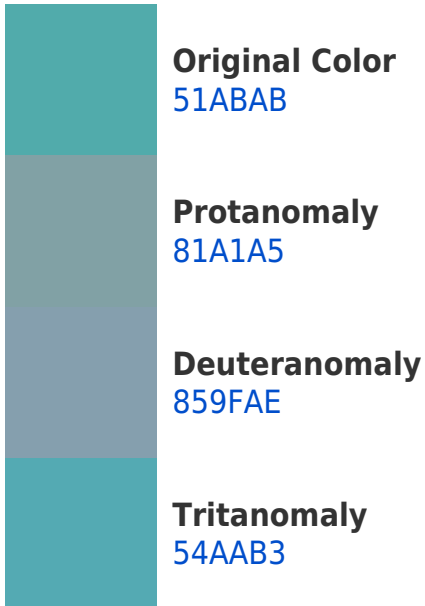
Dichromacy



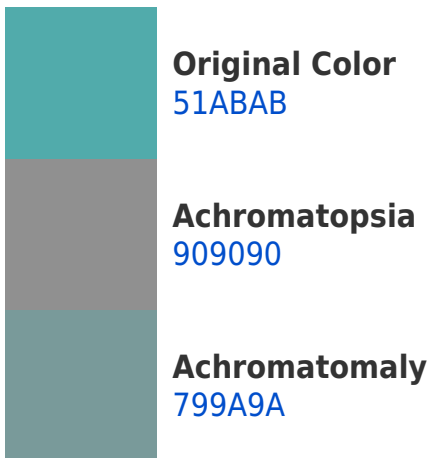


Tritanopia
55A9B7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #51ABAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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