

Converting Colors

Hex(51AC8B)

Have a look what the booklet for
Hex(51AC8B) contains.

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Color

Hex(51AC8B)

Conversions

Conversions Part 1

Format	Color
Hex	51AC8B
RGB	81, 172, 139
RGB Percent	32%, 67%, 55%
CMY	0.6824, 0.3255, 0.4549
CMYK	0.53, 0.00, 0.19, 0.33
HSL	158°, 36%, 50%
HSV	158°, 53%, 67%
XYZ	22.8061, 33.1185, 29.6166
YIQ	141.0290, -43.6430, -29.5550

Conversions

Conversions Part 2

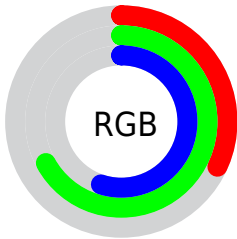
Format	Color
RYB	81, 137, 172
Decimal	5352587
CIELab	64.26, -35.23, 8.79
CIElCh	64, 36.314, 165.994
Yxy	33.1185, 0.2666, 0.3872
Android (android.graphics.Color)	4283542667 (0xFF51AC8B)
YUV	141.0290, -1.0003, -52.6454
Hunter-Lab	57.5486, -29.9720, 9.7713

Details

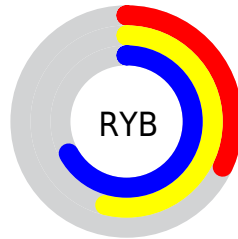
The Hex color **51AC8B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC5172**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89E4C0**, and **0F7759** is the 20% darker color. If you saturate the color by 10%, you get **40AC85**, and if you desaturate by 10%, it is **62AC91**.

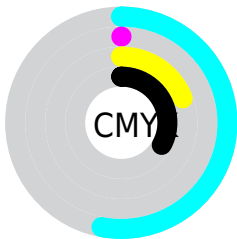
Distribution



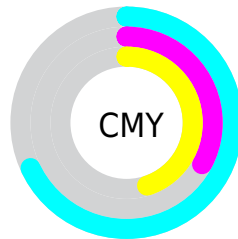
- Red (32%)
- Green (67%)
- Blue (55%)



- Red (32%)
- Yellow (54%)
- Blue (67%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51AC8B 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 51AC8B by changing the saturation by 10% instead.

 51AC8B

 51AC8B

FFFFFF

 349172

 89E4C0

 0F7759

 A5FFDC

 005E42

 C1FFF9

 00452B

 DEFFF

 002E17

 FCFFF

 001700

 000000

 51AC8B

 51AC8B

 40AC85

 62AC91

 2FAC7F

 73AC97

 1DAC78

 85AC9E

 0CAC72

 96ACA4

 00AC6E

 A7ACAA

 B8ACB0

 C9ACB7

 DBACBD

 ECACC3

Harmonies

Analogous

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



7BA76E



51AC8B



1AADAC

Triad

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



51AC8B



8999DA



D38A6F

Complementary

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



51AC8B



AC5172

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.



DB838B



51AC8B



B58DC9

Square

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



51AC8B



50A3DA



D184AC



BE955D

Rectangle

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



51AC8B



00ACC1



D184AC



D88777

Sweetspot

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



51AC8B



BCE0D3



72AC51



5B7068



F0F0F0



707070

Same Dimension

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



51AC8B



53E0AD



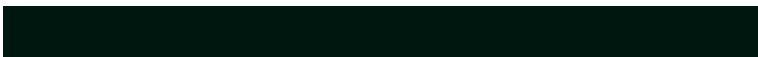
51A0AC



4E5754



009660



00170F

Inverse Universe

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



AC5172



E05386



AC5D51



574E51



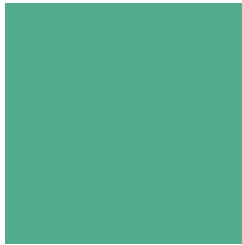
960037



170008

Previews

White Background



This preview shows how the Hex color 51AC8B looks on a white background.

Color Contrast Check

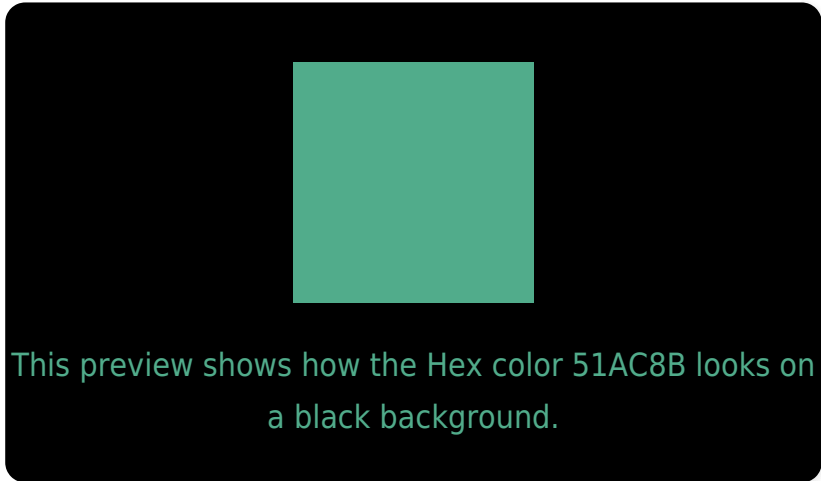
Large Text (above 18pt) WCAG AA × Fail

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

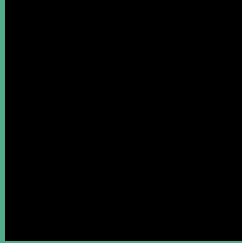
Any Text WCAG AA ✓ Pass

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 51AC8B Background



This preview shows how black text looks on a background with the Hex color 51AC8B.

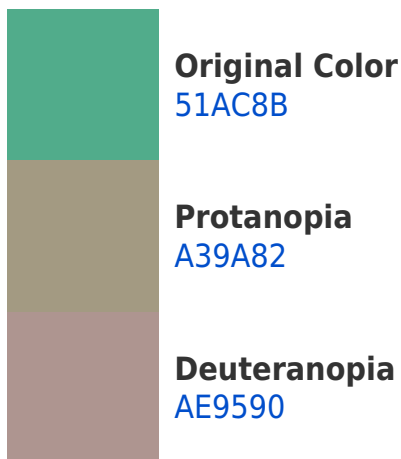


This preview shows how white text looks on a background with the Hex color 51AC8B.

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



Trichromacy



Original Color
51AC8B



Protanomaly
85A185



Deuteranomaly
8C9D8E



Tritanomaly
59A8A5

Monochromacy



Original Color
51AC8B



Achromatopsia
8D8D8D



Achromatomaly
77988C

CSS Examples

Text

The CSS property to change the color of the text to Hex 51AC8B 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 #51AC8B looks like.

```
.text, #text, p{  
    color:#51AC8B  
}
```

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 #51AC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AC8B
}
```

Border

The CSS property to change the border of an element to Hex 51AC8B 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
#51AC8B }
```

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

```
.border{ border-color:#51AC8B }
```

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

Here you see how a box with a 4 pixel #51AC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AC8B; -webkit-box-shadow:4px 4px  
4px 4px #51AC8B; box-shadow:4px 4px 4px  
4px #51AC8B }
```

Background

The CSS property to change the background color of an element to Hex 51AC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AC8B }
```

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

```
.background{ background-color:#51AC8B }
```

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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