

Converting Colors

Hex(51AEBC)

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

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Color

Hex(51AEBC)

Conversions

Conversions Part 1

Format	Color
Hex	51AEBC
RGB	81, 174, 188
RGB Percent	32%, 68%, 74%
CMY	0.6824, 0.3176, 0.2627
CMYK	0.57, 0.07, 0.00, 0.26
HSL	188°, 44%, 53%
HSV	188°, 57%, 74%
XYZ	27.6065, 35.6523, 53.0035
YIQ	147.7890, -59.9220, -15.3620

Conversions

Conversions Part 2

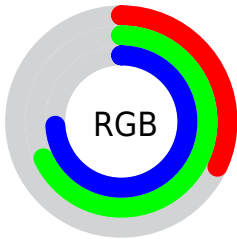
Format	Color
R _Y B	81, 131, 188
Decimal	5353148
CIE Lab	66.25, -23.41, -15.51
CIE LCh	66, 28.087, 213.528
Yxy	35.6523, 0.2375, 0.3067
Android (android.graphics.Color)	4283543228 (0xFF51AEBC)
YUV	147.7890, 19.8240, -58.5740
Hunter-Lab	59.7095, -21.9628, -10.8344

Details

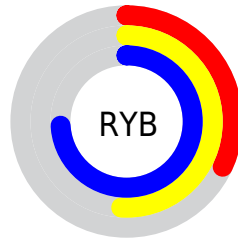
The Hex color **51AEBC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC5F51**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8BE6F4**, and **007987** is the 20% darker color. If you saturate the color by 10%, you get **3EACBC**, and if you desaturate by 10%, it is **64B0BC**.

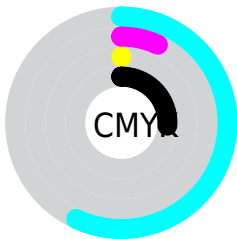
Distribution



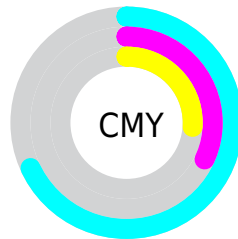
- Red (32%)
- Green (68%)
- Blue (74%)



- Red (32%)
- Yellow (51%)
- Blue (74%)



- Cyan (57%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 51AEBC

 51AEBC

FFFFFF

 3193A1

 8BE6F4

 007987

 A8FFFF

 00606D

 C5FFFF

 004855

 E3FFFF

 00313E

 001E28

 000113

 000000

 51AEBC

 51AEBC

■ 3EACBC

■ 64B0BC

■ 2BA9BC

■ 77B3BC

■ 19A7BC

■ 89B5BC

■ 06A4BC

■ 9CB8BC

■ 00A3BC

■ AFBABC

■ C2BDBC

■ D5BFBC

■ E7C2BC

■ FAC4BC

Harmonies

Analogous

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



5DAFA3



51AEBC



62AACD

Triad

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



51AEBC



C492B8



B0A06F

Complementary

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



51AEBC



BC5F51

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.



C69875



51AEBC



D28E9F

Square

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



51AEBC



A99ACB



D29186



95A876

Rectangle

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



51AEBC



78A5D3



D29186



B89E6F

Sweetspot

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



51AEBC



CBEFF5



51BC5D



62777A



FAFAFA



7A7A7A

Same Dimension

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



51AEBC



4EDFF5



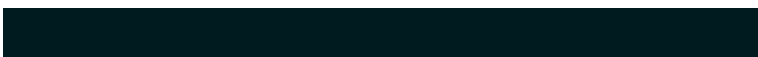
517ABC



555D5E



00899E



001B1F

Inverse Universe

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



BC51AE



F54EDF



BC9351



5E555D



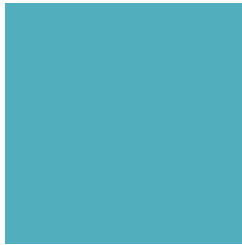
9E0089



1F001B

Previews

White Background



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

Color Contrast Check

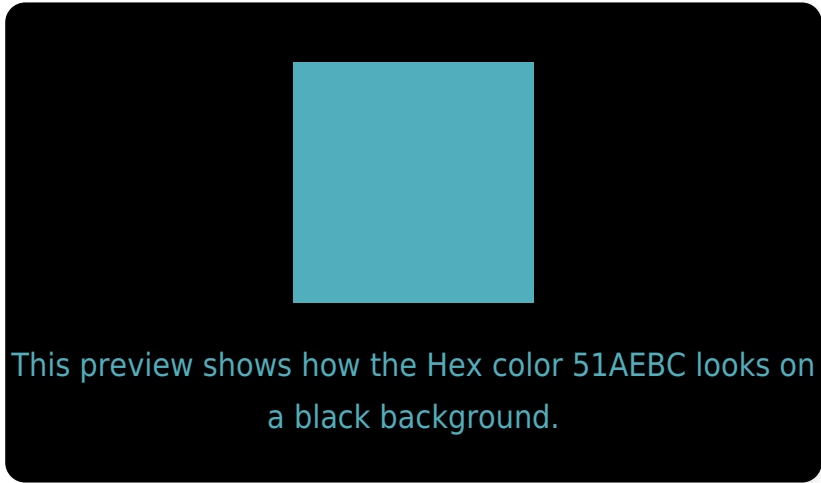
Large Text (above 18pt) WCAG AA × Fail

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

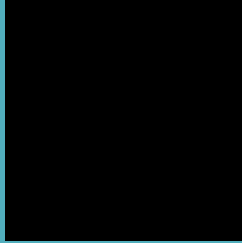
Any Text WCAG AA ✓ Pass

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 51AEBC Background



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



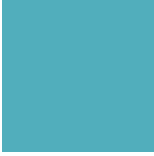
This preview shows how white text looks on a background with the Hex color 51AEBC.

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](#).

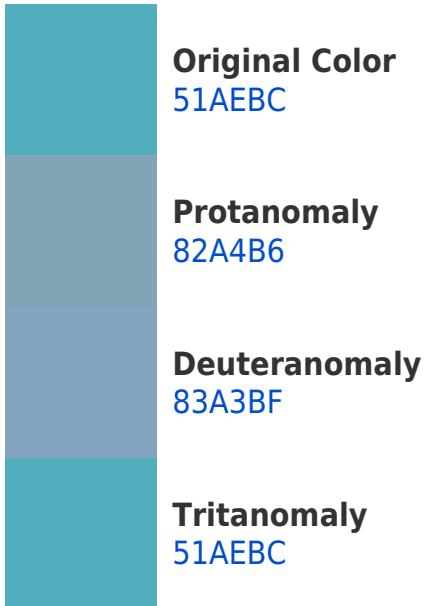
Dichromacy



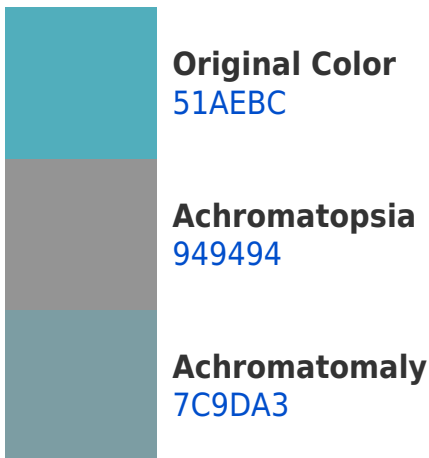


Tritanopia
51AEB3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #51AEBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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