

Converting Colors

Hex(51AEA3)

Have a look what the booklet for
Hex(51AEA3) contains.

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Color

Hex(51AEA3)

Conversions

Conversions Part 1

Format	Color
Hex	51AEA3
RGB	81, 174, 163
RGB Percent	32%, 68%, 64%
CMY	0.6824, 0.3176, 0.3608
CMYK	0.53, 0.00, 0.06, 0.32
HSL	173°, 36%, 50%
HSV	173°, 53%, 68%
XYZ	25.1403, 34.6658, 40.0165
YIQ	144.9390, -51.8970, -23.1370

Conversions

Conversions Part 2

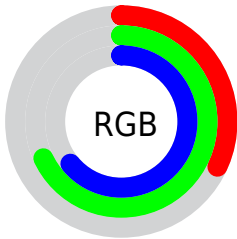
Format	Color
RYB	81, 130, 174
Decimal	5353123
CIELab	65.49, -30.28, -2.76
CIElCh	65, 30.408, 185.214
Yxy	34.6658, 0.2518, 0.3473
Android (android.graphics.Color)	4283543203 (0xFF51AEA3)
YUV	144.9390, 8.9041, -56.0745
Hunter-Lab	58.8777, -26.8179, 0.9176

Details

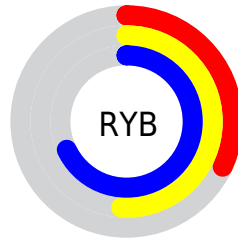
The Hex color **51AEA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE515C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8AE6DA**, and **08796F** is the 20% darker color. If you saturate the color by 10%, you get **40AEA1**, and if you desaturate by 10%, it is **62AEA5**.

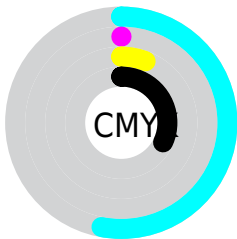
Distribution



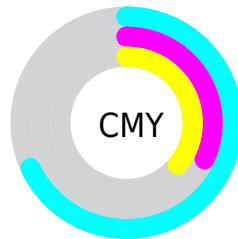
- Red (32%)
- Green (68%)
- Blue (64%)



- Red (32%)
- Yellow (51%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (68%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51AEA3 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 51AEA3 by changing the saturation by 10% instead.



51AEA3



51AEA3

FFFFFF



339389



8AE6DA



08796F



A6FFF6



006057



C3FFFF



004840



E0FFFF



00302A

FEFFFF



001C16



000000



51AEA3



51AEA3



40AEA1



62AEA5

2EAE9F

74AEA7

1DAE9D

85AEA9

0BAE9B

97AEB

00AE99

A8AED

B9AEAF

CBAEB1

DCAEB3

EEAEB6

Harmonies

Analogous

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



70AC87



51AEA3



43ADBD

Triad

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



51AEA3



A996CC



C5966E

Complementary

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



51AEA3



AE515C

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.



D38E81



51AEA3



C68EB6

Square

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



51AEA3



82A0D5



D48A9B



AD9F68

Rectangle

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



51AE A3



4EAA CB



D48A 9B



CB93 73

Sweetspot

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



51AE A3



BFE3 DF



5DAE 51



5D73 70



F2F2 F2



7373 73

Same Dimension

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



51AEA3



52E3D2



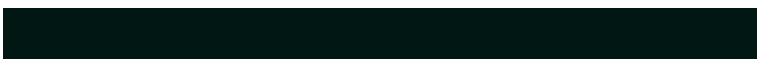
518CAE



4E5756



009685



001714

Inverse Universe

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



AE515C



E35263



AE7351



574E4F



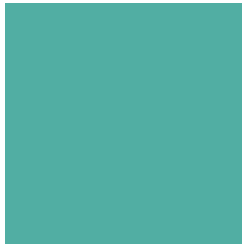
960012



170003

Previews

White Background



This preview shows how the Hex color 51AEA3 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

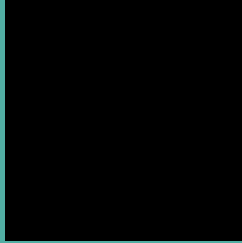
Any Text WCAG AA ✓ Pass

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 51AEA3 Background



This preview shows how black text looks on a background with the Hex color 51AEA3.

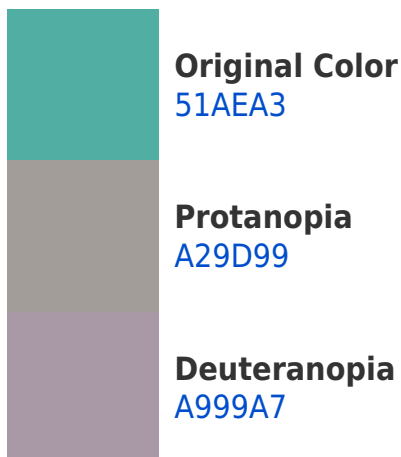


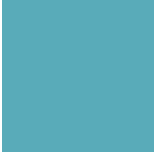
This preview shows how white text looks on a background with the Hex color 51AEA3.

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](#).

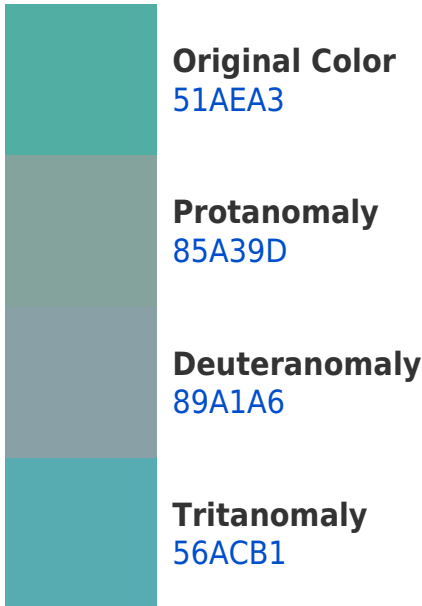
Dichromacy



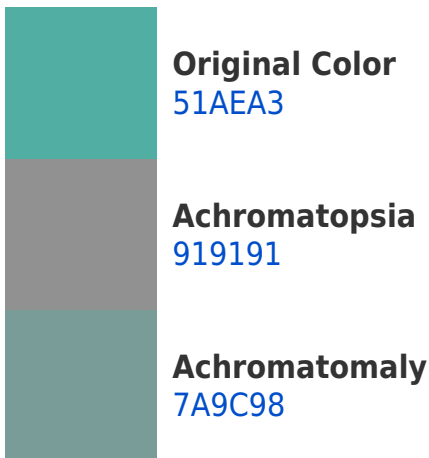


Tritanopia
59ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51AEA3 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 #51AEA3 looks like.

```
.text, #text, p{  
    color:#51AEA3  
}
```

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 #51AEA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AEA3
}
```

Border

The CSS property to change the border of an element to Hex 51AEA3 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
#51AEA3 }
```

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

```
.border{ border-color:#51AEA3 }
```

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

Here you see how a box with a 4 pixel #51AEA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AEA3; -webkit-box-shadow:4px 4px  
4px 4px #51AEA3; box-shadow:4px 4px 4px  
4px #51AEA3 }
```

Background

The CSS property to change the background color of an element to Hex 51AEA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AEA3 }
```

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

```
.background{ background-color:#51AEA3 }
```

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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