

Converting Colors

Hex(5AACA3)

Have a look what the booklet for
Hex(5AACA3) contains.

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Color

Hex(5AACA3)

Conversions

Conversions Part 1

Format	Color
Hex	5AACA3
RGB	90, 172, 163
RGB Percent	35%, 67%, 64%
CMY	0.6471, 0.3255, 0.3608
CMYK	0.48, 0.00, 0.05, 0.33
HSL	173°, 33%, 51%
HSV	173°, 48%, 67%
XYZ	25.5798, 34.3231, 39.9271
YIQ	146.4560, -45.9830, -20.1830

Conversions

Conversions Part 2

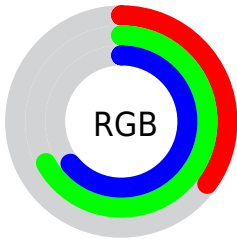
Format	Color
RYB	90, 133, 172
Decimal	5942435
CIELab	65.22, -27.26, -3.12
CIElCh	65, 27.439, 186.532
Yxy	34.3231, 0.2562, 0.3438
Android (android.graphics.Color)	4284132515 (0xFF5AACA3)
YUV	146.4560, 8.1562, -49.5119
Hunter-Lab	58.5859, -24.5884, 0.6031

Details

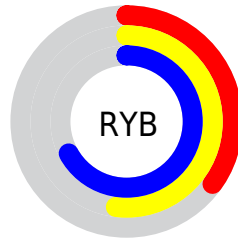
The Hex color **5AACA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5A63**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **91E4DA**, and **1F776F** is the 20% darker color. If you saturate the color by 10%, you get **49ACA1**, and if you desaturate by 10%, it is **6BACA5**.

Distribution



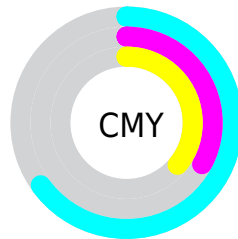
- Red (35%)
- Green (67%)
- Blue (64%)



- Red (35%)
- Yellow (52%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AACA3 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 5AACA3 by changing the saturation by 10% instead.

■ 5AACA3

■ 5AACA3

FFFFFF

■ 3E9189

■ 91E4DA

■ 1F776F

■ ADFFF6

■ 005E57

■ CAFFFF

■ 004640

■ E7FFFF

■ 002F2A

■ 001B16

■ 000000

■ 5AACA3

■ 5AACA3

■ 49ACA1

■ 6BACA5

■ 38AC9F

■ 7CACA7

■ 26AC9D

■ 8EACA9

■ 15AC9B

■ 9FACAB

■ 04AC9A

■ B0ACAC

■ 00AC99

■ C1ACAE

■ D2ACB0

■ E4ACB2

■ F5ACB4

Harmonies

Analogous

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



73AA8A



5AACA3



51ABBB

Triad

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



5AACA3



A996C6



C09672

Complementary

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



5AACA3



AC5A63

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.



CD8F82



5AACA3



C28FB2

Square

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



5AACA3



879FCF



CF8C9A



AA9E6D

Rectangle

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



5AACA3



5BA8C7



CF8C9A



C69476

Sweetspot

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



5AACA3



C1E0DD



64AC5A



5D706E



F0F0F0



707070

Same Dimension

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



5AACA3



60E0D2



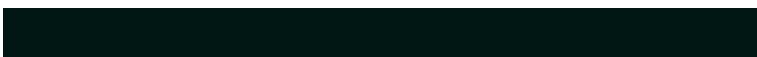
5A8DAC



4E5756



009686



001714

Inverse Universe

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



AC5A63



E0606F



AC795A



574E4F



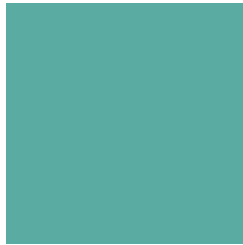
960011



170003

Previews

White Background



This preview shows how the Hex color 5AACA3 looks on a white background.

Color Contrast Check

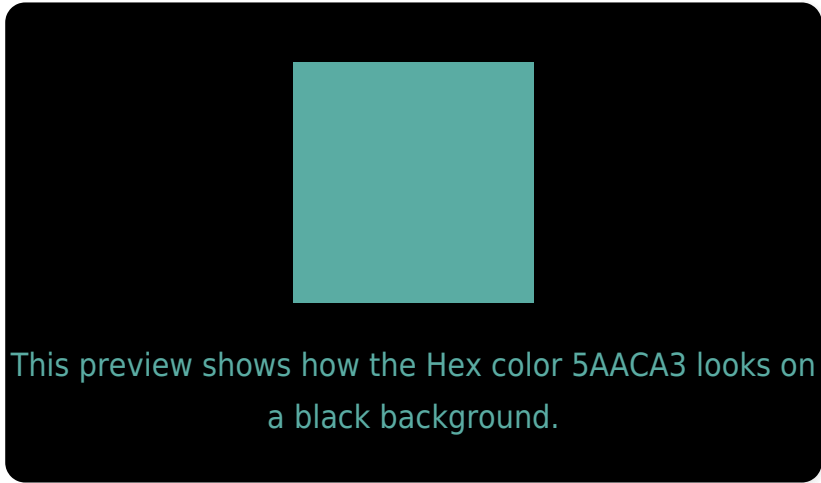
Large Text (above 18pt) WCAG AA × Fail

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

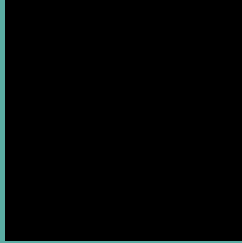
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

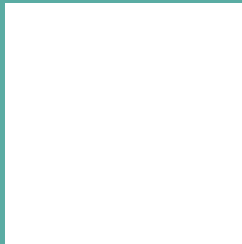
Any Text WCAG AAA ✓ Pass

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

Hex 5AACA3 Background



This preview shows how black text looks on a background with the Hex color 5AACA3.

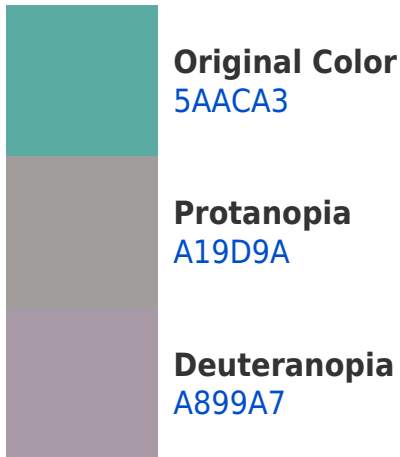


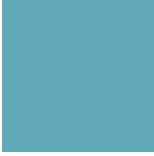
This preview shows how white text looks on a background with the Hex color 5AACA3.

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](#).

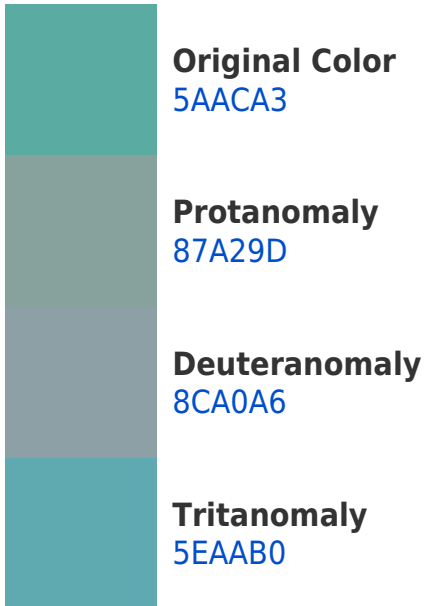
Dichromacy



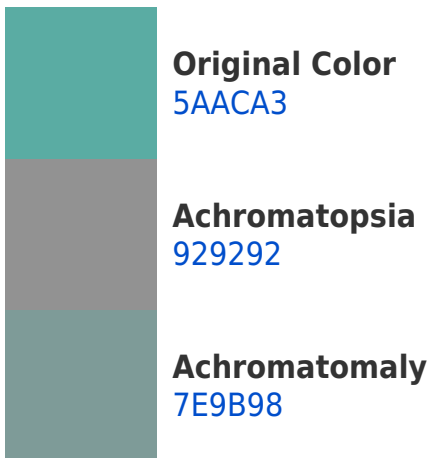


Tritanopia
60A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AACA3 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 #5AACA3 looks like.

```
.text, #text, p{  
    color:#5AACA3  
}
```

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 #5AACA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AACA3
}
```

Border

The CSS property to change the border of an element to Hex 5AACA3 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
#5AACA3 }
```

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

```
.border{ border-color:#5AACA3 }
```

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

Here you see how a box with a 4 pixel #5AACA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AACA3; -webkit-box-shadow:4px 4px  
4px 4px #5AACA3; box-shadow:4px 4px 4px  
4px #5AACA3 }
```

Background

The CSS property to change the background color of an element to Hex 5AACA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AACA3 }
```

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

```
.background{ background-color:#5AACA3 }
```

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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