

Converting Colors

Hex(5AAA9F)

Have a look what the booklet for
Hex(5AAA9F) contains.

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Color

Hex(5AAA9F)

Conversions

Conversions Part 1

Format	Color
Hex	5AAA9F
RGB	90, 170, 159
RGB Percent	35%, 67%, 62%
CMY	0.6471, 0.3333, 0.3765
CMYK	0.47, 0.00, 0.06, 0.33
HSL	172°, 32%, 51%
HSV	172°, 47%, 67%
XYZ	24.8492, 33.4263, 37.9431
YIQ	144.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

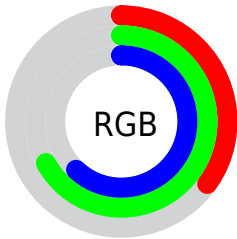
Format	Color
RYB	90, 133, 170
Decimal	5941919
CIELab	64.50, -27.29, -1.94
CIELCh	65, 27.358, 184.066
Yxy	33.4263, 0.2583, 0.3474
Android (android.graphics.Color)	4284131999 (0xFF5AAA9F)
YUV	144.8260, 6.9878, -48.0824
Hunter-Lab	57.8155, -24.4576, 1.5600

Details

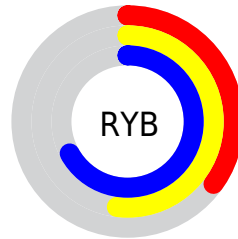
The Hex color **5AAA9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA5A65**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **91E2D6**, and **20756C** is the 20% darker color. If you saturate the color by 10%, you get **49AA9D**, and if you desaturate by 10%, it is **6BAAA1**.

Distribution



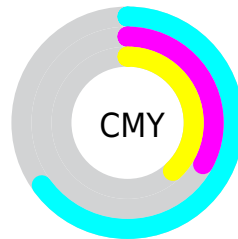
- Red (35%)
- Green (67%)
- Blue (62%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AAA9F 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 5AAA9F by changing the saturation by 10% instead.



5AAA9F



5AAA9F

FFFFFF



3E8F85



91E2D6



20756C



ADFEF2



005C53



CAFFFF



00443C



E7FFFF



002D27



001912



000000



5AAA9F



5AAA9F



49AA9D



6BAAA1

■ 38AA9A

■ 7CAAA4

■ 27AA98

■ 8DAAA6

■ 16AA96

■ 9EAAA8

■ 05AA93

■ AFAAAB

■ 00AA93

■ C0AAAD

■ D1AAAF

■ E2AAB2

■ F3AAB4

Harmonies

Analogous

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



74A886



5AAA9F



4FA9B7

Triad

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



5AAA9F



A495C5



C09471

Complementary

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



5AAA9F



AA5A65

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.



CC8D82



5AAA9F



BF8DB2

Square

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



5AAA9F



829ECD



CC8A9A



AA9C6C

Rectangle

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



5AAA9F



57A6C3



CC8A9A



C59176

Sweetspot

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



5AAA9F



BFDEDA



66AA5A



5D706E



F0F0F0



707070

Same Dimension

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



5AAA9F



62DECD



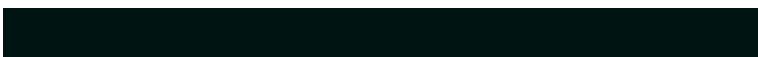
5A8EAA



4C5453



009480



001412

Inverse Universe

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



AA5A65



DE6273



AA765A



544C4D



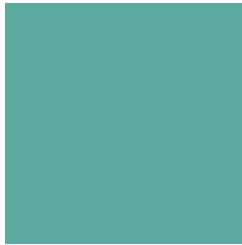
940014



140003

Previews

White Background



This preview shows how the Hex color 5AAA9F looks on a white background.

Color Contrast Check

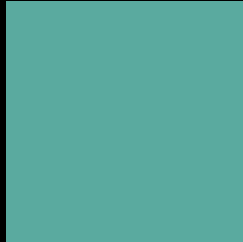
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5AAA9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

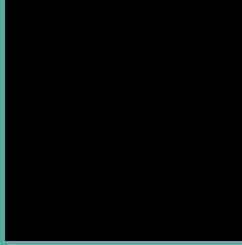
Any Text WCAG AA ✓ Pass

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 5AAA9F Background



This preview shows how black text looks on a background with the Hex color 5AAA9F.

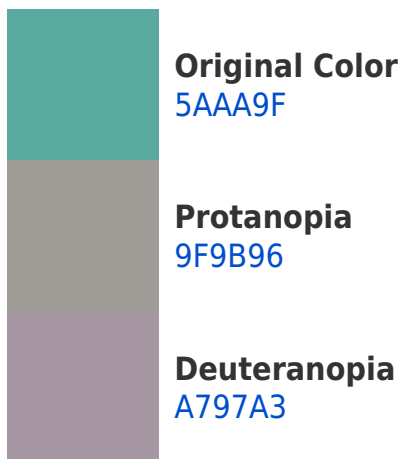


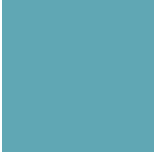
This preview shows how white text looks on a background with the Hex color 5AAA9F.

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](#).

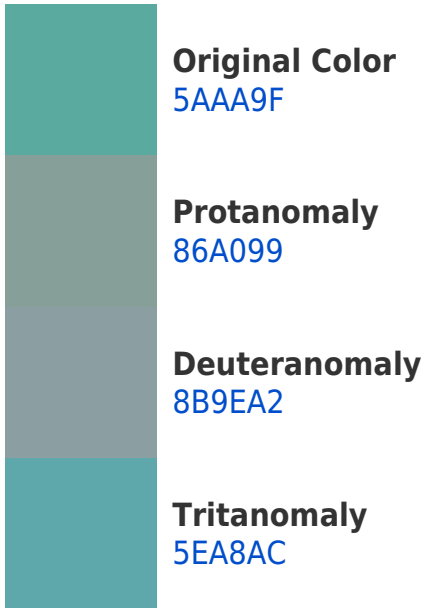
Dichromacy





Tritanopia
60A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AAA9F 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 #5AAA9F looks like.

```
.text, #text, p{  
    color:#5AAA9F  
}
```

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 #5AAA9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AAA9F
}
```

Border

The CSS property to change the border of an element to Hex 5AAA9F 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
#5AAA9F }
```

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

```
.border{ border-color:#5AAA9F }
```

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

Here you see how a box with a 4 pixel #5AAA9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AAA9F; -webkit-box-shadow:4px 4px  
4px 4px #5AAA9F; box-shadow:4px 4px 4px  
4px #5AAA9F }
```

Background

The CSS property to change the background color of an element to Hex 5AAA9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AAA9F }
```

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

```
.background{ background-color:#5AAA9F }
```

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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