

Converting Colors

Hex(5FA9B3)

Have a look what the booklet for
Hex(5FA9B3) contains.

Hex(5FA9B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FA9B3)

Conversions

Conversions Part 1

Format	Color
Hex	5FA9B3
RGB	95, 169, 179
RGB Percent	37%, 66%, 70%
CMY	0.6275, 0.3373, 0.2980
CMYK	0.47, 0.06, 0.00, 0.30
HSL	187°, 36%, 54%
HSV	187°, 47%, 70%
XYZ	27.0440, 34.0635, 47.7974
YIQ	148.0140, -47.3140, -12.5780

Conversions

Conversions Part 2

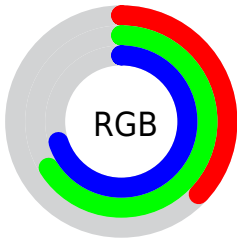
Format	Color
RYB	95, 134, 179
Decimal	6269363
CIELab	65.01, -20.33, -12.32
CIElCh	65, 23.774, 211.220
Yxy	34.0635, 0.2483, 0.3128
Android (android.graphics.Color)	4284459443 (0xFF5FA9B3)
YUV	148.0140, 15.2761, -46.4933
Hunter-Lab	58.3639, -19.4258, -7.7010

Details

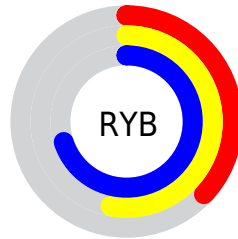
The Hex color **5FA9B3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B3695F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **96E0EB**, and **25757E** is the 20% darker color. If you saturate the color by 10%, you get **4DA7B3**, and if you desaturate by 10%, it is **71ABB3**.

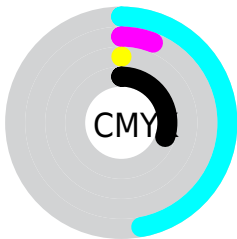
Distribution



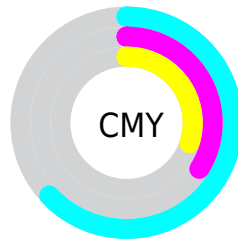
- Red (37%)
- Green (66%)
- Blue (70%)



- Red (37%)
- Yellow (53%)
- Blue (70%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (63%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA9B3 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 5FA9B3 by changing the saturation by 10% instead.

 5FA9B3

 5FA9B3

FFFFFF

 438E98

 96E0EB

 25757E

 B3FDFF

 005C65

 CFFFFFF

 00444D

 EDFFFF

 002D37

 001B21

 000009

 000000

 5FA9B3

 5FA9B3

■ 4DA7B3

■ 71ABB3

■ 3BA5B3

■ 83ADB3

■ 29A3B3

■ 95AFB3

■ 17A0B3

■ A7B2B3

■ 069EB3

■ B9B4B3

■ 009EB3

■ CAB6B3

■ DCB8B3

■ EEBA B3

■ FFBC B3

Harmonies

Analogous

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



68AA9E



5FA9B3



6AA5C2

Triad

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



5FA9B3



BA91B3



AD9D73

Complementary

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



5FA9B3



B3695F

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.



BF9679



5FA9B3



C78E9E

Square

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



5FA9B3



A298C2



C89089



96A379

Rectangle

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



5FA9B3



7BA2C7



C89089



B39A74

Sweetspot

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



5FA9B3



C8E4E8



5FB369



617375



F5F5F5



757575

Same Dimension

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



5FA9B3



66D9E8



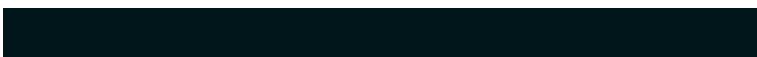
5F7FB3



505859



008799



00161A

Inverse Universe

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



B35FA9



E866D9



B3935F



595058



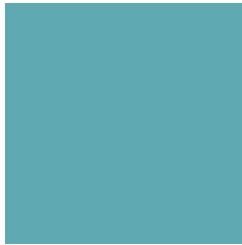
990087



1A0016

Previews

White Background



This preview shows how the Hex color 5FA9B3 looks on a white background.

Color Contrast Check

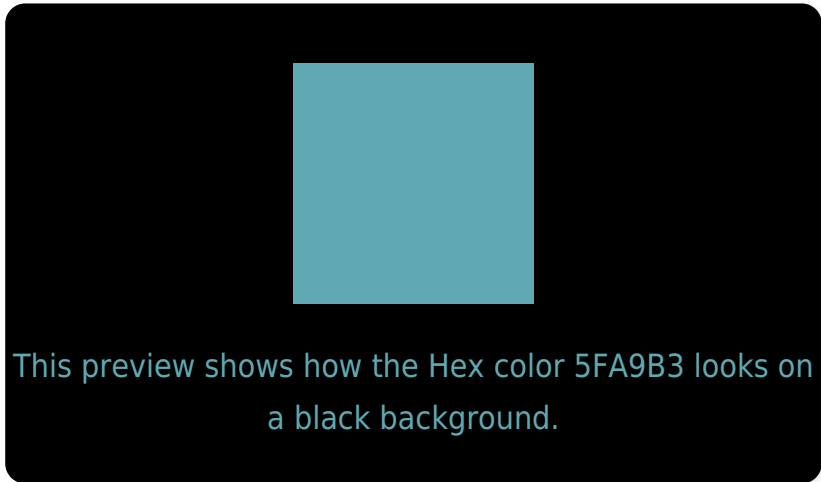
Large Text (above 18pt) WCAG AA × Fail

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

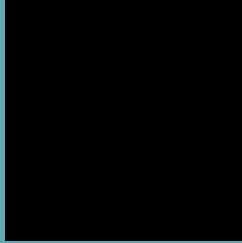
Any Text WCAG AA ✓ Pass

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 5FA9B3 Background



This preview shows how black text looks on a background with the Hex color 5FA9B3.

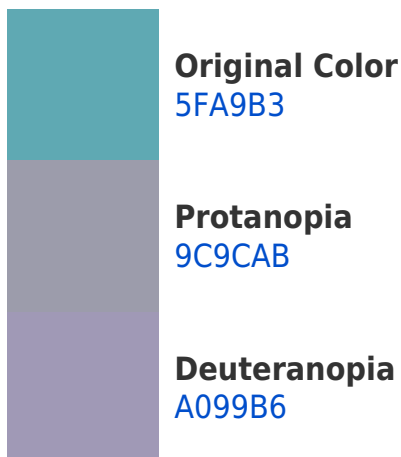


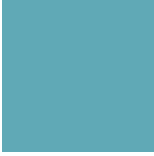
This preview shows how white text looks on a background with the Hex color 5FA9B3.

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](#).

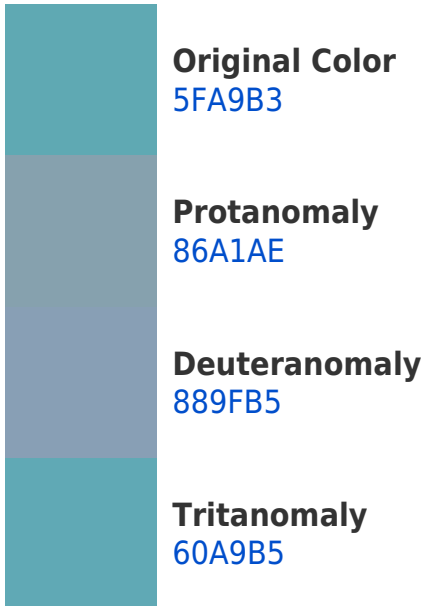
Dichromacy





Tritanopia
60A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA9B3 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 #5FA9B3 looks like.

```
.text, #text, p{  
    color:#5FA9B3  
}
```

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 #5FA9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA9B3
}
```

Border

The CSS property to change the border of an element to Hex 5FA9B3 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
#5FA9B3 }
```

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

```
.border{ border-color:#5FA9B3 }
```

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

Here you see how a box with a 4 pixel #5FA9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA9B3; -webkit-box-shadow:4px 4px  
4px 4px #5FA9B3; box-shadow:4px 4px 4px  
4px #5FA9B3 }
```

Background

The CSS property to change the background color of an element to Hex 5FA9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA9B3 }
```

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

```
.background{ background-color:#5FA9B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor