

Converting Colors

Hex(5FAC9E)

Have a look what the booklet for
Hex(5FAC9E) contains.

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Color

Hex(5FAC9E)

Conversions

Conversions Part 1

Format	Color
Hex	5FAC9E
RGB	95, 172, 158
RGB Percent	37%, 67%, 62%
CMY	0.6275, 0.3255, 0.3804
CMYK	0.45, 0.00, 0.08, 0.33
HSL	169°, 32%, 52%
HSV	169°, 45%, 67%
XYZ	25.6434, 34.4066, 37.6373
YIQ	147.3810, -41.3980, -20.6780

Conversions

Conversions Part 2

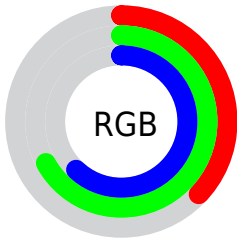
Format	Color
RYB	95, 137, 172
Decimal	6270110
CIELab	65.28, -27.28, -0.22
CIELCh	65, 27.279, 180.456
Yxy	34.4066, 0.2625, 0.3522
Android (android.graphics.Color)	4284460190 (0xFF5FAC9E)
YUV	147.3810, 5.2352, -45.9381
Hunter-Lab	58.6571, -24.6143, 3.0165

Details

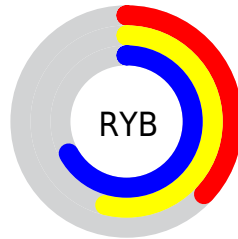
The Hex color **5FAC9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5F6D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96E4D5**, and **27776B** is the 20% darker color. If you saturate the color by 10%, you get **4EAC9B**, and if you desaturate by 10%, it is **70ACA1**.

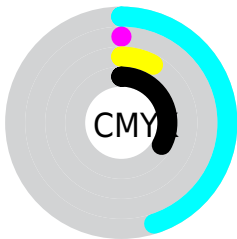
Distribution



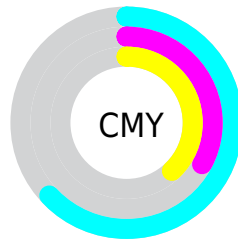
- Red (37%)
- Green (67%)
- Blue (62%)



- Red (37%)
- Yellow (54%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FAC9E 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 5FAC9E by changing the saturation by 10% instead.

 5FAC9E

 5FAC9E

FFFFFF

 449184

 96E4D5

 27776B

 B2FFF1

 005E53

 CEFFFF

 00463C

 EBFFFF

 002F26

 001B11

 000000

 5FAC9E

 5FAC9E

 4EAC9B

 70ACA1

■ 3DAC98

■ 81ACA4

■ 2BAC95

■ 93ACA7

■ 1AAC91

■ A4ACAB

■ 09AC8E

■ B5ACAE

■ 00AC8D

■ C6ACB1

■ D7ACB4

■ E9ACB7

■ FAACBA

Harmonies

Analogous

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



79AA86



5FAC9E



52ABB6

Triad

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



5FAC9E



A398C9



C49575

Complementary

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



5FAC9E



AC5F6D

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.



CF8E87



5FAC9E



BE90B7

Square

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



5FAC9E



80A1CF



CD8C9F



AF9D6E

Rectangle

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



5FAC9E



58A9C3



CD8C9F



C9927A

Sweetspot

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



5FAC9E



C3E0DB



6DAC5F



5E706D



F0F0F0



707070

Same Dimension

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



5FAC9E



67E0CA



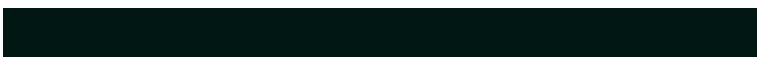
5F94AC



4E5755



00967B



001713

Inverse Universe

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



AC5F6D



E0677D



AC775F



574E50



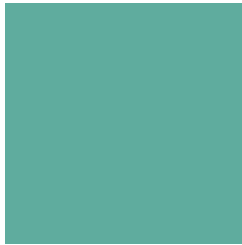
96001B



170004

Previews

White Background



This preview shows how the Hex color 5FAC9E 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 5FAC9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

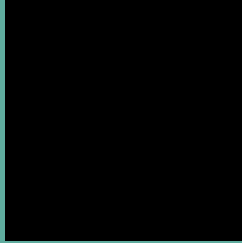
Any Text WCAG AA ✓ Pass

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 5FAC9E Background



This preview shows how black text looks on a background with the Hex color 5FAC9E.

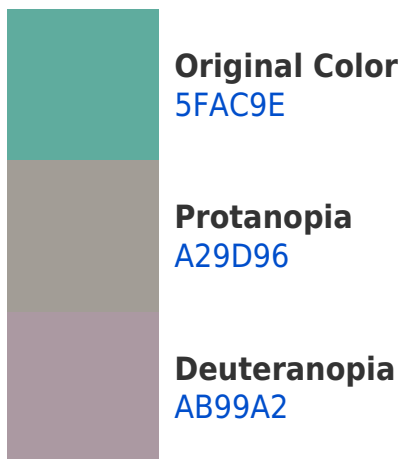


This preview shows how white text looks on a background with the Hex color 5FAC9E.

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](#).

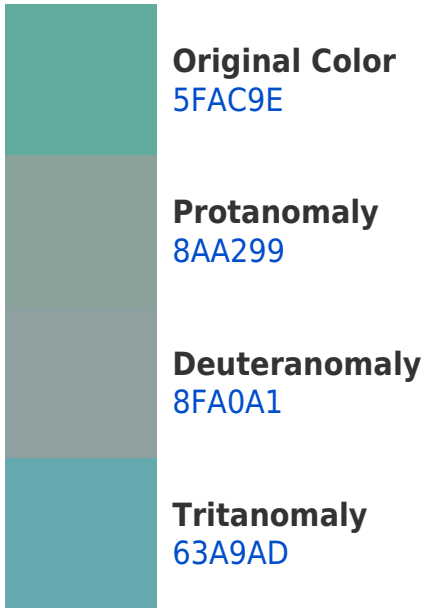
Dichromacy



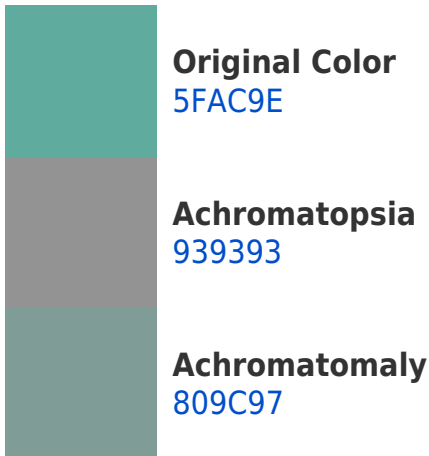


Tritanopia
66A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FAC9E 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 #5FAC9E looks like.

```
.text, #text, p{  
    color:#5FAC9E  
}
```

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 #5FAC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FAC9E
}
```

Border

The CSS property to change the border of an element to Hex 5FAC9E 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
#5FAC9E }
```

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

```
.border{ border-color:#5FAC9E }
```

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

Here you see how a box with a 4 pixel #5FAC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FAC9E; -webkit-box-shadow:4px 4px  
4px 4px #5FAC9E; box-shadow:4px 4px 4px  
4px #5FAC9E }
```

Background

The CSS property to change the background color of an element to Hex 5FAC9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FAC9E }
```

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

```
.background{ background-color:#5FAC9E }
```

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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