

# Converting Colors

Hex(5FA89F)

Have a look what the booklet for  
Hex(5FA89F) contains.

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**Color**

**Hex(5FA89F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA89F
RGB	95, 168, 159
RGB Percent	37%, 66%, 62%
CMY	0.6275, 0.3412, 0.3765
CMYK	0.43, 0.00, 0.05, 0.34
HSL	173°, 30%, 52%
HSV	173°, 43%, 66%
XYZ	24.9800, 32.9414, 37.8426
YIQ	145.1470, -40.6190, -18.2750

# Conversions

## Conversions Part 2

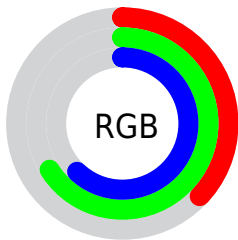
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 134, 168
Decimal	6269087
CIE <sub>Lab</sub>	64.11, -25.04, -2.49
CIE <sub>LCh</sub>	64, 25.166, 185.679
Yxy	32.9414, 0.2608, 0.3440
Android (android.graphics.Color)	4284459167 (0xFF5FA89F)
YUV	145.1470, 6.8295, -43.9789
Hunter-Lab	57.3946, -22.7516, 1.0838

# Details

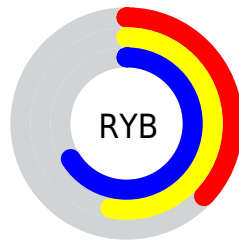
The Hex color **5FA89F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A85F68**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **95DFD6**, and **28746C** is the 20% darker color. If you saturate the color by 10%, you get **4EA89D**, and if you desaturate by 10%, it is **70A8A1**.

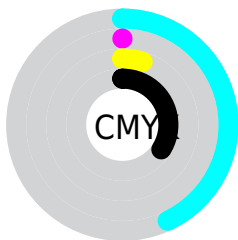
# Distribution



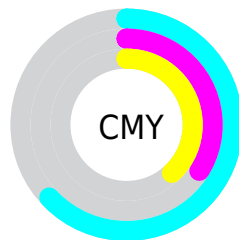
- Red (37%)
- Green (66%)
- Blue (62%)



- Red (37%)
- Yellow (53%)
- Blue (66%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (63%)
- Magenta (34%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FA89F 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 5FA89F by changing the saturation by 10% instead.





5FA89F



5FA89F

FFFFFF



448D85



95DFD6



28746C



B1FCF2



005B53



CEFFFF



00433C



EBFFFF



002C27



001712



000000



5FA89F



5FA89F



4EA89D



70A8A1

3DA89B

81A8A3

2DA899

91A8A5

1CA897

A2A8A7

0BA895

B3A8A9

00A893

C4A8AB

D5A8AD

E5A8B0

F6A8B2

# Harmonies

## Analogous

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



75A688



5FA89F



57A7B5

# Triad

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



5FA89F



A494C0



BB9473

# Complementary

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



5FA89F



A85F68

# 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.



C78D82



5FA89F



BC8EAE

# Square

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



5FA89F



859CC8



C88B98



A79B6F

# Rectangle

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



5FA89F



60A4C0



C88B98



C09177



# Sweetspot

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



5FA89F



BFDBD8



69A85F



5C6E6B



EDEDED



6E6E6E



# Same Dimension

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



5FA89F



69DBCD



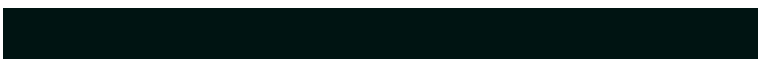
5F8DA8



4C5453



009482



001412



# Inverse Universe

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



A85F68



DB6977



A87A5F



544C4D



940012

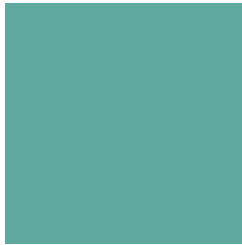


140003



# Previews

## White Background



This preview shows how the Hex color 5FA89F looks on a white background.

## Color Contrast Check

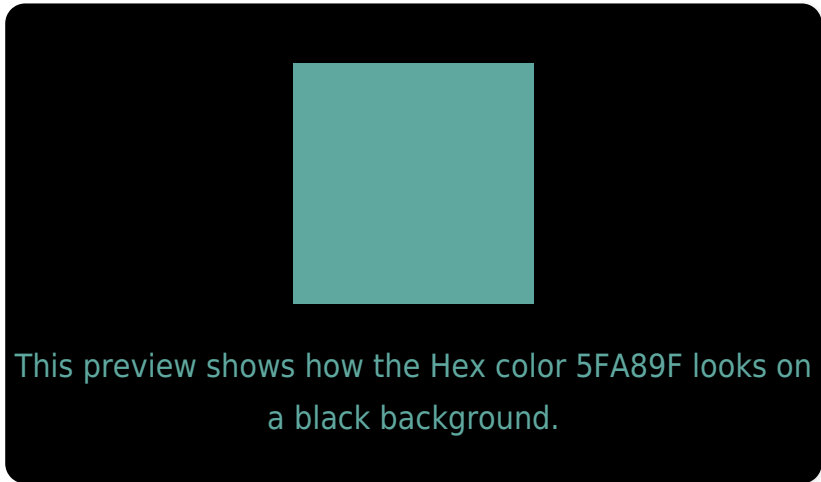
Large Text (above 18pt) WCAG AA × Fail

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

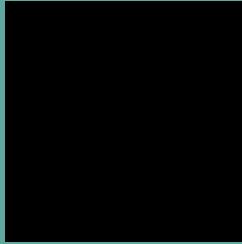
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FA89F Background



This preview shows how black text looks on a background with the Hex color 5FA89F.

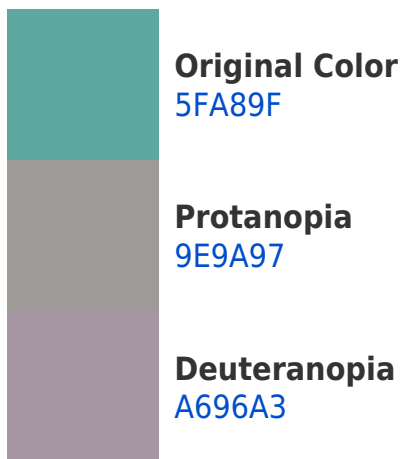


This preview shows how white text looks on a background with the Hex color 5FA89F.

# 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](#).

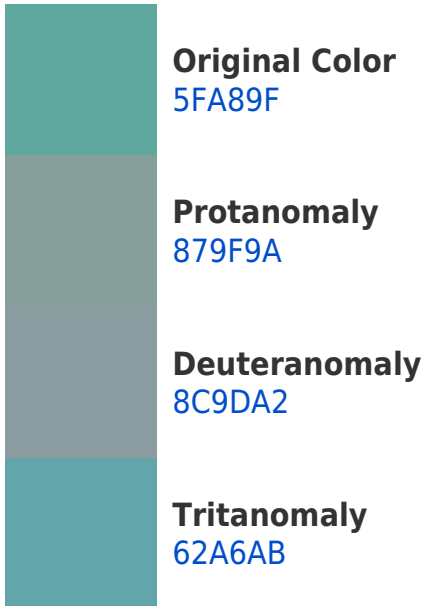
## Dichromacy



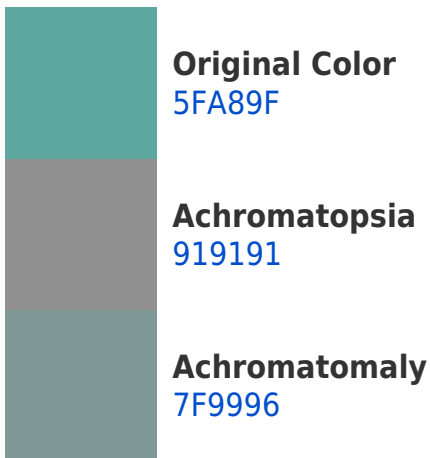


**Tritanopia**  
64A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FA89F 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 #5FA89F looks like.

```
.text, #text, p{  
    color:#5FA89F  
}
```

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 #5FA89F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA89F
}
```

## Border

The CSS property to change the border of an element to Hex 5FA89F 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
#5FA89F }
```

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

```
.border{ border-color:#5FA89F }
```

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

Here you see how a box with a 4 pixel #5FA89F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA89F; -webkit-box-shadow:4px 4px  
4px 4px #5FA89F; box-shadow:4px 4px 4px  
4px #5FA89F }
```

# Background

The CSS property to change the background color of an element to Hex 5FA89F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA89F }
```

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

```
.background{ background-color:#5FA89F }
```

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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