

# Converting Colors

Hex(5FB1A9)

Have a look what the booklet for  
Hex(5FB1A9) contains.

<b>Hex(5FB1A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5FB1A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FB1A9
RGB	95, 177, 169
RGB Percent	37%, 69%, 66%
CMY	0.6275, 0.3059, 0.3373
CMYK	0.46, 0.00, 0.05, 0.31
HSL	174°, 34%, 53%
HSV	174°, 46%, 69%
XYZ	27.6029, 36.7417, 43.1732
YIQ	151.5700, -46.3040, -19.8720

# Conversions

## Conversions Part 2

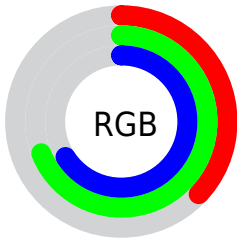
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 138, 177
Decimal	6271401
CIELab	67.08, -27.00, -3.69
CIELCh	67, 27.254, 187.771
Yxy	36.7417, 0.2567, 0.3417
Android (android.graphics.Color)	4284461481 (0xFF5FB1A9)
YUV	151.5700, 8.5930, -49.6119
Hunter-Lab	60.6150, -24.7908, 0.2010

# Details

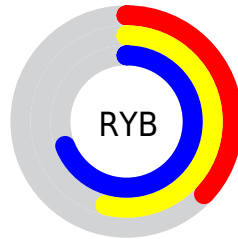
The Hex color **5FB1A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B15F67**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **96E9E0**, and **257C75** is the 20% darker color. If you saturate the color by 10%, you get **4DB1A7**, and if you desaturate by 10%, it is **71B1AB**.

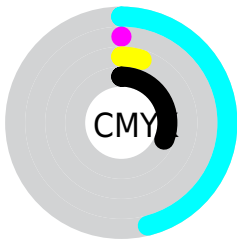
# Distribution



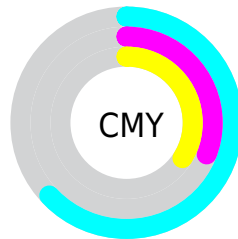
- Red (37%)
- Green (69%)
- Blue (66%)



- Red (37%)
- Yellow (54%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FB1A9 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 5FB1A9 by changing the saturation by 10% instead.



 5FB1A9

 5FB1A9

FFFFFF

 43968F

 96E9E0

 257C75

 B3FFFD

 00635C

 CFFFFFF

 004A45

 EDFFFF

 00332F


 00201A

 000000

 5FB1A9

 5FB1A9

 4DB1A7

 71B1AB

 3CB1A6

 82B1AC

 2AB1A4

 94B1AE

 18B1A2

 A6B1B0

 06B1A0

 B8B1B2

 00B1A0

 C9B1B3

 DBB1B5

 EDB1B7

 FEB1B9

# Harmonies

## Analogous

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



77AF90



5FB1A9



58AFC0

# Triad

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



5FB1A9



AF9BCA



C59B76

# Complementary

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



5FB1A9



B15F67

# 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.



D29486



5FB1A9



C894B6

# Square

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



5FB1A9



8DA3D4



D4919E



AEA473

# Rectangle

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



5FB1A9



62ADCC



D4919E



CA997B



# Sweetspot

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



5FB1A9



C5E6E2



67B15F



5F7371



F2F2F2



737373



# Same Dimension

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



5FB1A9



65E6D9



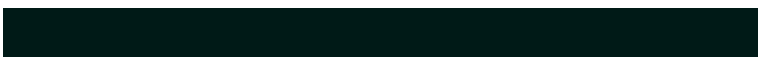
5F90B1



505958



00998A



001A17



# Inverse Universe

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



B15F67



E66572



B1805F



595051



99000F

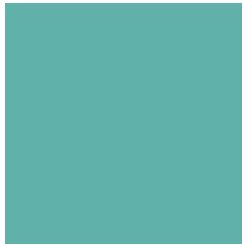


1A0002



# Previews

## White Background



This preview shows how the Hex color 5FB1A9 looks on a white background.

## Color Contrast Check

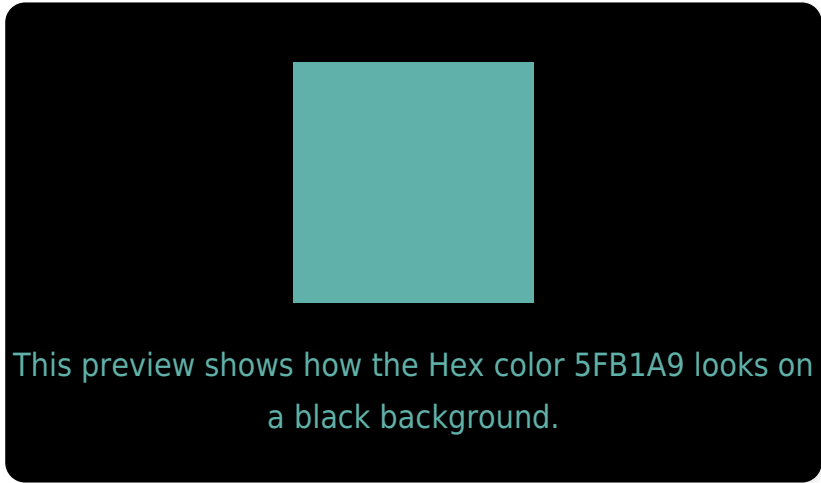
Large Text (above 18pt) WCAG AA × Fail

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

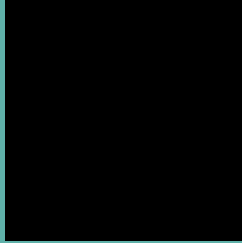
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FB1A9 Background



This preview shows how black text looks on a background with the Hex color 5FB1A9.

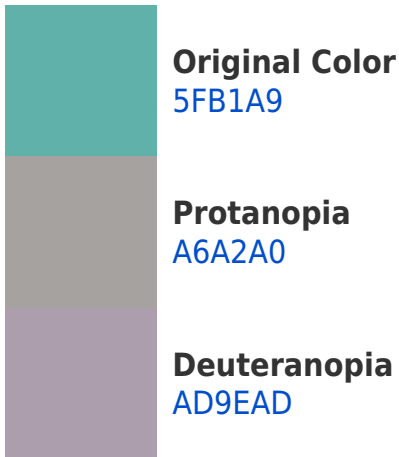


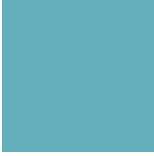
This preview shows how white text looks on a background with the Hex color 5FB1A9.

# 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](#).

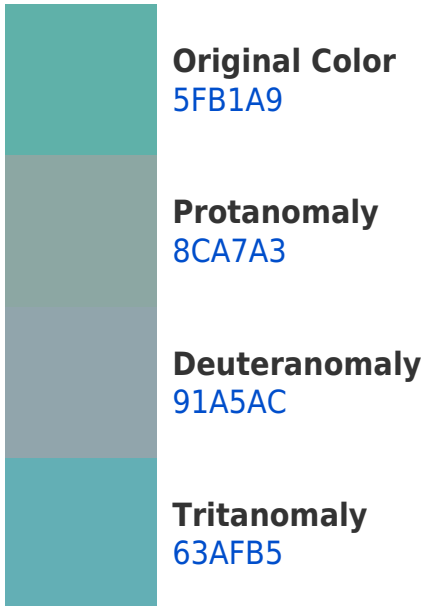
## Dichromacy





**Tritanopia**  
65AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FB1A9 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 #5FB1A9 looks like.

```
.text, #text, p{  
    color:#5FB1A9  
}
```

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 #5FB1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB1A9
}
```

## Border

The CSS property to change the border of an element to Hex 5FB1A9 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
#5FB1A9 }
```

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

```
.border{ border-color:#5FB1A9 }
```

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

Here you see how a box with a 4 pixel #5FB1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB1A9; -webkit-box-shadow:4px 4px  
4px 4px #5FB1A9; box-shadow:4px 4px 4px  
4px #5FB1A9 }
```

# Background

The CSS property to change the background color of an element to Hex 5FB1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB1A9 }
```

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

```
.background{ background-color:#5FB1A9 }
```

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