

Converting Colors

Hex(5FBC8A)

Have a look what the booklet for
Hex(5FBC8A) contains.

Hex(5FBC8A)	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(5FBC8A)

Conversions

Conversions Part 1

Format	Color
Hex	5FBC8A
RGB	95, 188, 138
RGB Percent	37%, 74%, 54%
CMY	0.6275, 0.2627, 0.4588
CMYK	0.49, 0.00, 0.27, 0.26
HSL	148°, 41%, 55%
HSV	148°, 49%, 74%
XYZ	27.2900, 40.2343, 30.3724
YIQ	154.4930, -39.3780, -35.2660

Conversions

Conversions Part 2

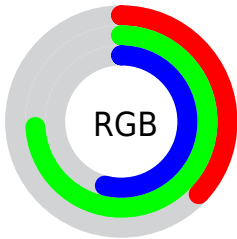
Format	Color
RYB	95, 159, 188
Decimal	6274186
CIELab	69.64, -39.26, 16.97
CIELCh	70, 42.775, 156.626
Yxy	40.2343, 0.2788, 0.4110
Android (android.graphics.Color)	4284464266 (0xFF5FBC8A)
YUV	154.4930, -8.1310, -52.1754
Hunter-Lab	63.4305, -34.2066, 16.0115

Details

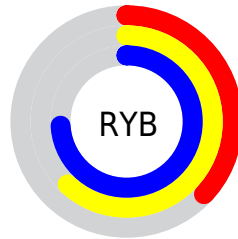
The Hex color **5FBC8A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5F91**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **97F5C0**, and **248658** is the 20% darker color. If you saturate the color by 10%, you get **4CBC80**, and if you desaturate by 10%, it is **72BC94**.

Distribution



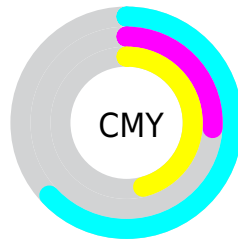
- Red (37%)
- Green (74%)
- Blue (54%)



- Red (37%)
- Yellow (62%)
- Blue (74%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBC8A 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 5FBC8A by changing the saturation by 10% instead.

 5FBC8A

 5FBC8A

FFFFFF

 43A170

 97F5C0

 248658

 B3FFDB

 006C40

 D0FFF8

 00532A

 EDFFFF

 003B15

 002600

 000000

 5FBC8A

 5FBC8A

 4CBC80

 72BC94

 39BC76

 85BC9E

 27BC6C

 97BCA8

 14BC62

 AABC B2

 01BC57

 BDBCBD

 00BC57

 D0BCC7

 E3BCD1

 F5BCDB

 FFBC E5

Harmonies

Analogous

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



91B56A



5FBC8A



00BFB2

Triad

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



5FBC8A



7DABF7



F1917E

Complementary

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



5FBC8A



BC5F91

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.



F48BA3



5FBC8A



B99DE9

Square

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



5FBC8A



20B6F1



E290CA



DC9D63

Rectangle

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



5FBC8A



00BECC



E290CA



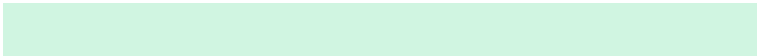
F48E89

Sweetspot

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



5FBC8A



D0F5E1



92BC5F



647A6F



FAFAFA



7A7A7A

Same Dimension

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



5FBC8A



64F5A7



5FBCB7



555E59



009E49



001F0E

Inverse Universe

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



BC5F91



F564B2



BC5F64



5E555A



9E0055



1F0010

Previews

White Background



This preview shows how the Hex color 5FBC8A looks on a white background.

Color Contrast Check

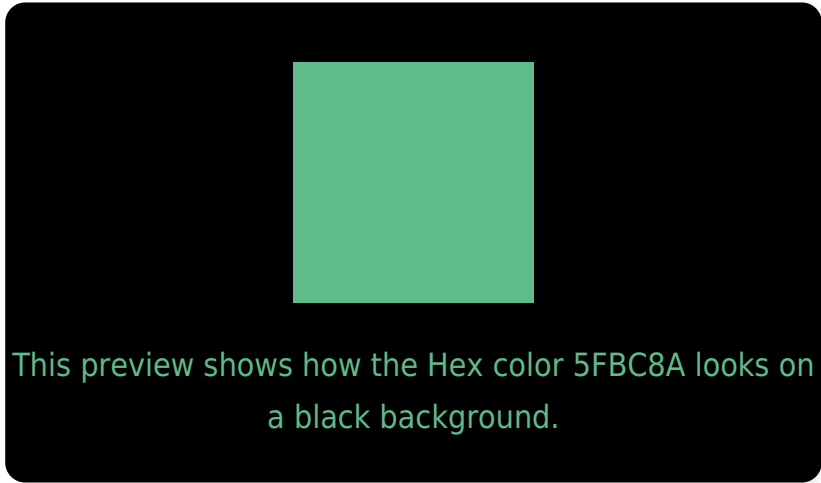
Large Text (above 18pt) WCAG AA × Fail

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

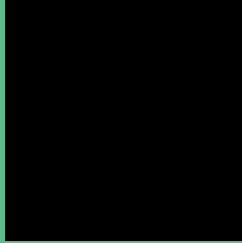
Any Text WCAG AA ✓ Pass

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 5FBC8A Background



This preview shows how black text looks on a background with the Hex color 5FBC8A.

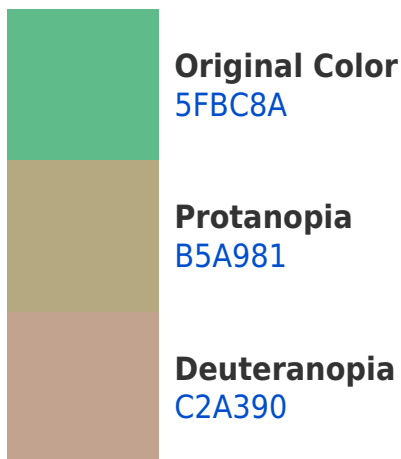


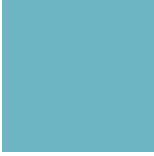
This preview shows how white text looks on a background with the Hex color 5FBC8A.

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](#).

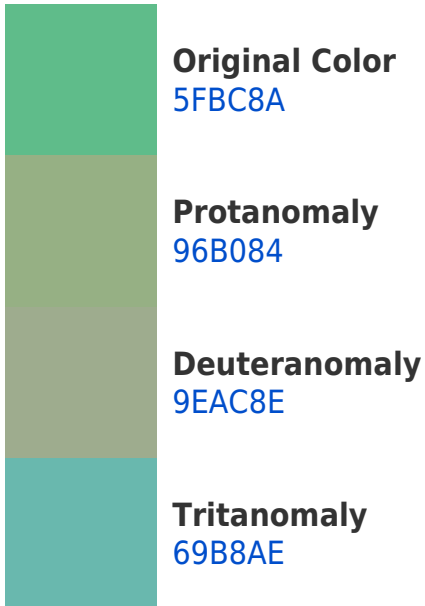
Dichromacy



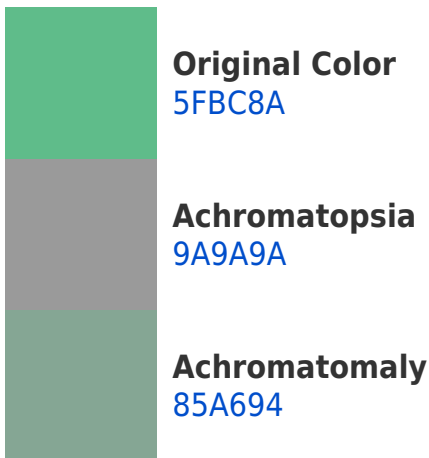


Tritanopia
6EB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBC8A 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 #5FBC8A looks like.

```
.text, #text, p{  
    color:#5FBC8A  
}
```

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 #5FBC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBC8A
}
```

Border

The CSS property to change the border of an element to Hex 5FBC8A 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
#5FBC8A }
```

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

```
.border{ border-color:#5FBC8A }
```

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

Here you see how a box with a 4 pixel #5FBC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBC8A; -webkit-box-shadow:4px 4px  
4px 4px #5FBC8A; box-shadow:4px 4px 4px  
4px #5FBC8A }
```

Background

The CSS property to change the background color of an element to Hex 5FBC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBC8A }
```

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

```
.background{ background-color:#5FBC8A }
```

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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