

Converting Colors

Hex(5AC98D)

Have a look what the booklet for
Hex(5AC98D) contains.

Hex(5AC98D)	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(5AC98D)

Conversions

Conversions Part 1

Format	Color
Hex	5AC98D
RGB	90, 201, 141
RGB Percent	35%, 79%, 55%
CMY	0.6471, 0.2118, 0.4471
CMYK	0.55, 0.00, 0.30, 0.21
HSL	148°, 51%, 57%
HSV	148°, 55%, 79%
XYZ	29.9108, 45.8700, 32.4766
YIQ	160.9710, -46.8960, -42.1920

Conversions

Conversions Part 2

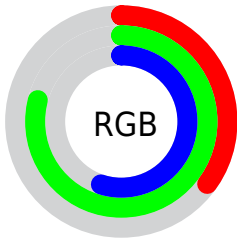
Format	Color
RYB	90, 166, 201
Decimal	5949837
CIELab	73.46, -45.51, 20.61
CIELCh	73, 49.964, 155.633
Yxy	45.8700, 0.2763, 0.4237
Android (android.graphics.Color)	4284139917 (0xFF5AC98D)
YUV	160.9710, -9.8457, -62.2416
Hunter-Lab	67.7274, -39.6911, 18.9785

Details

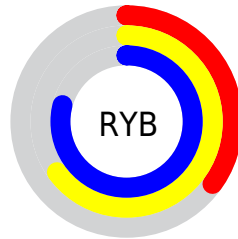
The Hex color **5AC98D** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C95A96**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **94FFC3**, and **14925A** is the 20% darker color. If you saturate the color by 10%, you get **46C982**, and if you desaturate by 10%, it is **6EC998**.

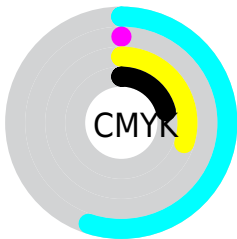
Distribution



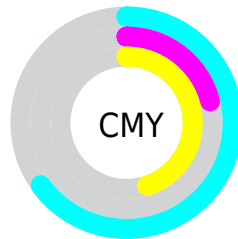
- Red (35%)
- Green (79%)
- Blue (55%)



- Red (35%)
- Yellow (65%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (65%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC98D 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 5AC98D by changing the saturation by 10% instead.

 5AC98D

 5AC98D

FFFFFF

 3BAD73

 94FFC3

 14925A

 B1FFDF

 007843

 CEFFFC

 005E2C

 EBFFFF

 004516

 002E00

 001400

 000000

 5AC98D

 5AC98D

 46C982

 6EC998

 32C977

 82C9A3

 1EC96C

 96C9AE

 0AC962

 AAC9B8

 00C95C

 BFC9C3

 D3C9CE

 E7C9D9

 FBC9E4

 FFC9EF

Harmonies

Analogous

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



98C167



5AC98D



00CCBC

Triad

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



5AC98D



78B6FF



FF9581

Complementary

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



5AC98D



C95A96

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.



FF8EAD



5AC98D



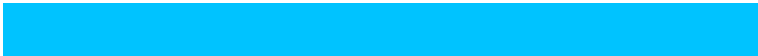
C4A5FF

Square

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



5AC98D



00C3FF



F495DB



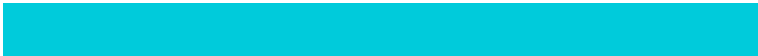
EFA561

Rectangle

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



5AC98D



00CBDB



F495DB



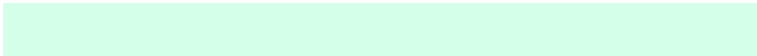
FF918F

Sweetspot

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



5AC98D



D4FFE8



97C95A



668072



000000



808080

Same Dimension

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



5AC98D



57FFA4



5AC9C3



5A635E



00A34B



002410

Inverse Universe

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



C95A96



FF57B2



C95A60



635A5F



A30058



240013

Previews

White Background



This preview shows how the Hex color 5AC98D 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 5AC98D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

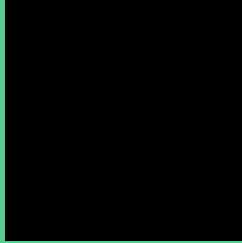
Any Text WCAG AA ✓ Pass

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 5AC98D Background



This preview shows how black text looks on a background with the Hex color 5AC98D.

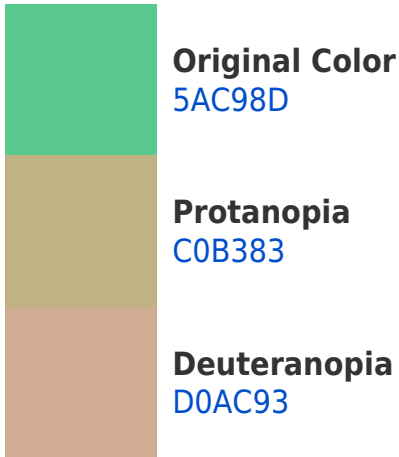


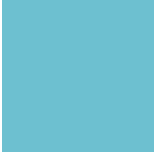
This preview shows how white text looks on a background with the Hex color 5AC98D.

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](#).

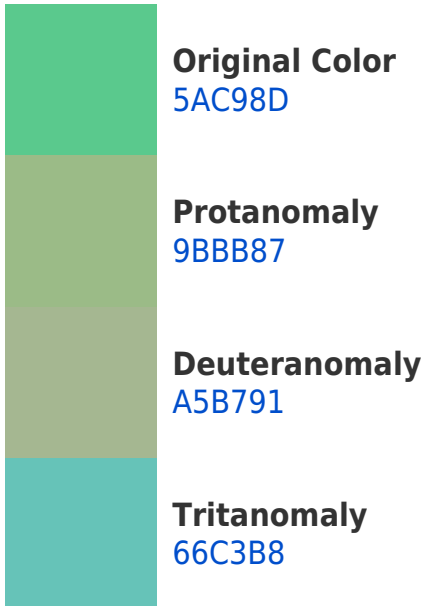
Dichromacy



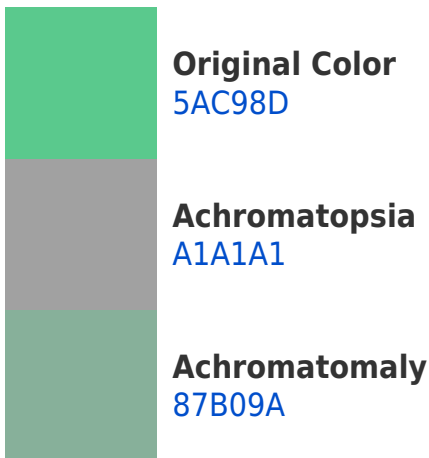


Tritanopia
6DC0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC98D 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 #5AC98D looks like.

```
.text, #text, p{  
    color:#5AC98D  
}
```

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 #5AC98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC98D
}
```

Border

The CSS property to change the border of an element to Hex 5AC98D 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
#5AC98D }
```

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

```
.border{ border-color:#5AC98D }
```

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

Here you see how a box with a 4 pixel #5AC98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC98D; -webkit-box-shadow:4px 4px  
4px 4px #5AC98D; box-shadow:4px 4px 4px  
4px #5AC98D }
```

Background

The CSS property to change the background color of an element to Hex 5AC98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC98D }
```

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

```
.background{ background-color:#5AC98D }
```

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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