

Converting Colors

Hex(5AC97D)

Have a look what the booklet for
Hex(5AC97D) contains.

Hex(5AC97D)	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(5AC97D)

Conversions

Conversions Part 1

Format	Color
Hex	5AC97D
RGB	90, 201, 125
RGB Percent	35%, 79%, 49%
CMY	0.6471, 0.2118, 0.5098
CMYK	0.55, 0.00, 0.38, 0.21
HSL	139°, 51%, 57%
HSV	139°, 55%, 79%
XYZ	28.8048, 45.4276, 26.6523
YIQ	159.1470, -41.7600, -47.1680

Conversions

Conversions Part 2

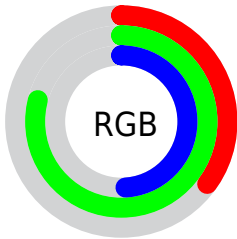
Format	Color
RYB	90, 174, 201
Decimal	5949821
CIELab	73.17, -48.51, 28.64
CIELCh	73, 56.336, 149.448
Yxy	45.4276, 0.2855, 0.4503
Android (android.graphics.Color)	4284139901 (0xFF5AC97D)
YUV	159.1470, -16.8345, -60.6419
Hunter-Lab	67.4000, -41.6644, 23.7347

Details

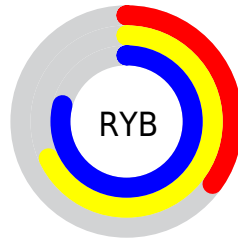
The Hex color **5AC97D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C95AA6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **94FFB2**, and **14924B** is the 20% darker color. If you saturate the color by 10%, you get **46C96F**, and if you desaturate by 10%, it is **6EC98B**.

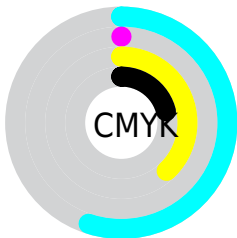
Distribution



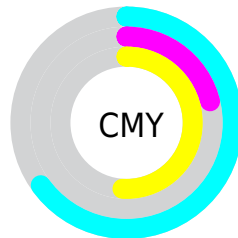
- Red (35%)
- Green (79%)
- Blue (49%)



- Red (35%)
- Yellow (68%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (38%)
- Black (21%)



- Cyan (65%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC97D 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 5AC97D by changing the saturation by 10% instead.

 5AC97D

 5AC97D

FFFFFF

 3BAD64

 94FFB2

 14924B

 B1FFCE

 007833

 CEFFEA

 005E1C

 ECFFFF

 004504

 002F00

 001300

 000000

 5AC97D

 5AC97D

 46C96F

 6EC98B

 32C961

 82C999

 1EC954

 96C9A6

 0AC946

 AAC9B4

 00C93F

 BFC9C2

 D3C9D0

 E7C9DD

 FBC9EB

 FFC9F9

Harmonies

Analogous

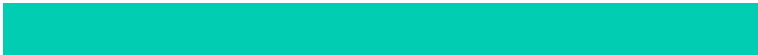
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EC055



5AC97D



00CDB1

Triad

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



5AC97D



49B9FF



FF8C84

Complementary

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



5AC97D



C95AA6

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.



FF87B7



5AC97D



B5A6FF

Square

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



5AC97D



00C6FF



F292E9



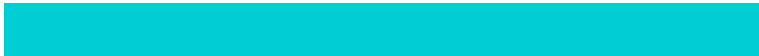
FA9E5B

Rectangle

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



5AC97D



00CDD4



F292E9



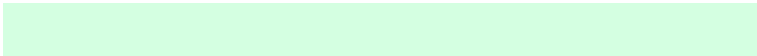
FF8994

Sweetspot

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



5AC97D



D4FFE1



A8C95A



66806E



000000



808080

Same Dimension

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



5AC97D



57FF8C



5AC9B3



5A635D



00A333



00240B

Inverse Universe

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



C95AA6



FF57CA



C95A70



635A60



A30070



240018

Previews

White Background



This preview shows how the Hex color 5AC97D 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 5AC97D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

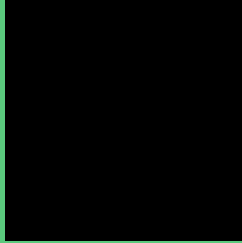
Any Text WCAG AA ✓ Pass

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 5AC97D Background



This preview shows how black text looks on a background with the Hex color 5AC97D.

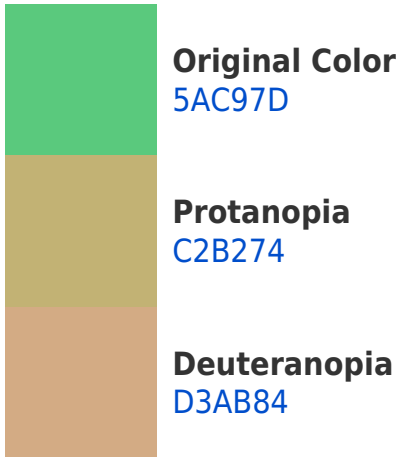


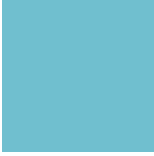
This preview shows how white text looks on a background with the Hex color 5AC97D.

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
70BFCF

Trichromacy



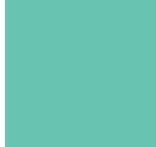
Original Color
5AC97D



Protanomaly
9CBA77



Deuteranomaly
A7B681



Tritanomaly
68C3B1

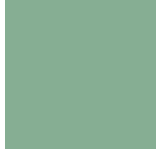
Monochromacy



Original Color
5AC97D



Achromatopsia
9F9F9F



Achromatomaly
86AE93

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC97D 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 #5AC97D looks like.

```
.text, #text, p{  
    color:#5AC97D  
}
```

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 #5AC97D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC97D
}
```

Border

The CSS property to change the border of an element to Hex 5AC97D 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
#5AC97D }
```

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

```
.border{ border-color:#5AC97D }
```

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

Here you see how a box with a 4 pixel #5AC97D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC97D; -webkit-box-shadow:4px 4px  
4px 4px #5AC97D; box-shadow:4px 4px 4px  
4px #5AC97D }
```

Background

The CSS property to change the background color of an element to Hex 5AC97D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC97D }
```

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

```
.background{ background-color:#5AC97D }
```

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