

Converting Colors

Hex(5ECC9A)

Have a look what the booklet for
Hex(5ECC9A) contains.

Hex(5ECC9A)	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(5ECC9A)

Conversions

Conversions Part 1

Format	Color
Hex	5ECC9A
RGB	94, 204, 154
RGB Percent	37%, 80%, 60%
CMY	0.6314, 0.2000, 0.3961
CMYK	0.54, 0.00, 0.25, 0.20
HSL	153°, 52%, 58%
HSV	153°, 54%, 80%
XYZ	32.0417, 47.8985, 38.1284
YIQ	165.4100, -49.5100, -38.8700

Conversions

Conversions Part 2

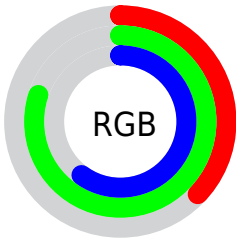
Format	Color
RYB	94, 165, 204
Decimal	6212762
CIELab	74.76, -43.22, 15.51
CIELCh	75, 45.924, 160.255
Yxy	47.8985, 0.2714, 0.4057
Android (android.graphics.Color)	4284402842 (0xFF5ECC9A)
YUV	165.4100, -5.6251, -62.6266
Hunter-Lab	69.2087, -38.4749, 15.7821

Details

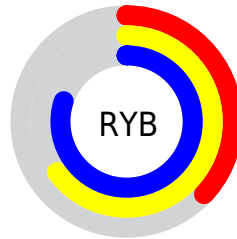
The Hex color **5ECC9A** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC5E90**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **98FFD0**, and **1B9567** is the 20% darker color. If you saturate the color by 10%, you get **4ACC91**, and if you desaturate by 10%, it is **72CCA3**.

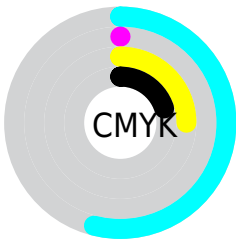
Distribution



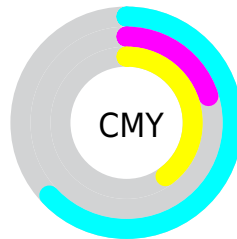
- Red (37%)
- Green (80%)
- Blue (60%)



- Red (37%)
- Yellow (65%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ECC9A 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 5ECC9A by changing the saturation by 10% instead.

 5ECC9A

 5ECC9A

FFFFFF

 40B080

 98FFD0

 1B9567

 B5FFED

 007B4F

 D2FFFF

 006138

 EFFFFFF

 004822

 00310C

 001900

 000000

 5ECC9A

 5ECC9A

 4ACC91

 72CCA3

 35CC87

 87CCAD

 21CC7E

 9BCCB6

 0CCC75

 B0CCBF

 00CC6F

 C4CCC8

 D8CCD2

 EDCCDB

 FFCCE4

 FFCCED

Harmonies

Analogous

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



96C576



5ECC9A



00CEC6

Triad

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



5ECC9A



90B7FF



FF9D83

Complementary

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



5ECC9A



CC5E90

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.



FF96AB



5ECC9A



CFA7F9

Square

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



5ECC9A



30C4FF



F89AD6



EAAC68

Rectangle

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



5ECC9A



00CDE1



F89AD6



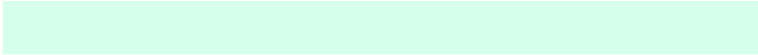
FF9A90

Sweetspot

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



5ECC9A



D6FFEC



91CC5E



678074



000000



808080

Same Dimension

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



5ECC9A



59FFB4



5EC8CC



5C6661



00A65A



002615

Inverse Universe

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



CC5E90



FF59A5



CC625E



665C60



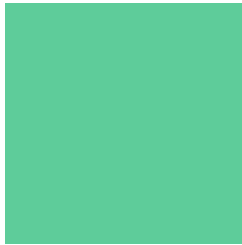
A6004B



260011

Previews

White Background



This preview shows how the Hex color 5ECC9A looks on a white background.

Color Contrast Check

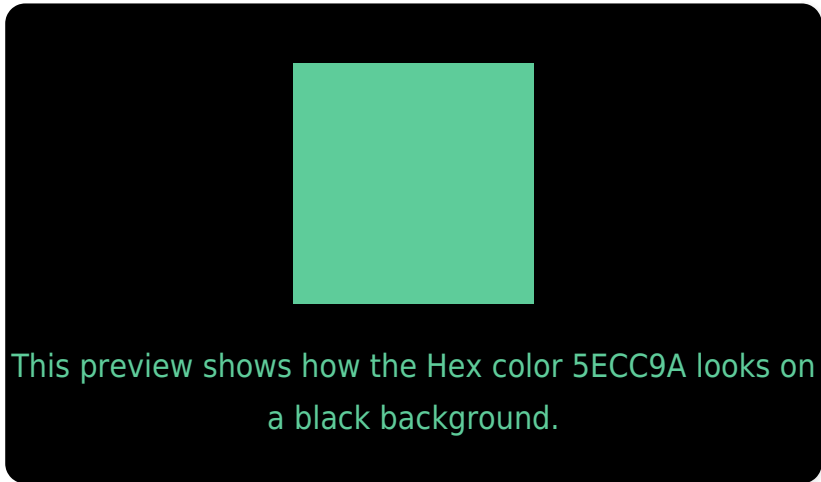
Large Text (above 18pt) WCAG AA × Fail

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

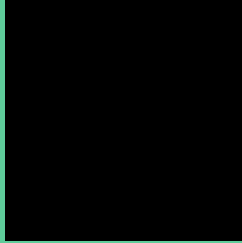
Any Text WCAG AA ✓ Pass

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 5ECC9A Background



This preview shows how black text looks on a background with the Hex color 5ECC9A.

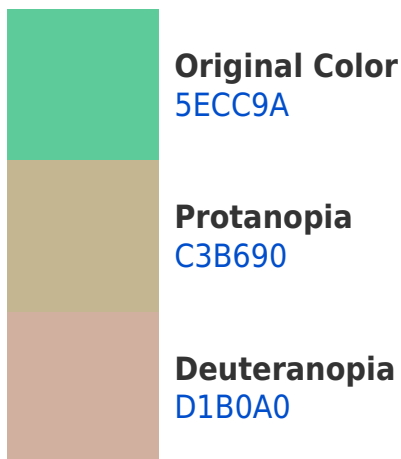


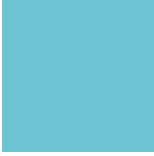
This preview shows how white text looks on a background with the Hex color 5ECC9A.

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](#).

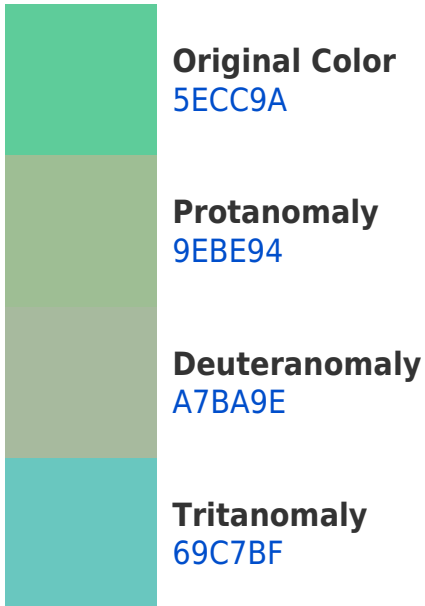
Dichromacy



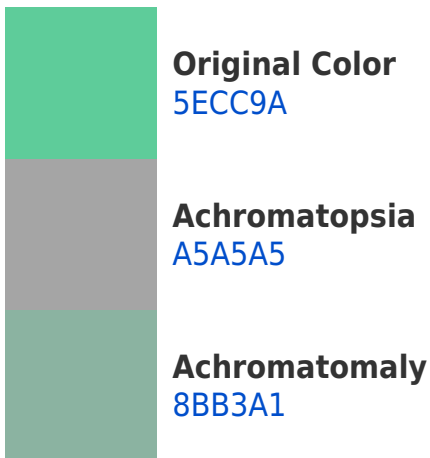


Tritanopia
6FC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ECC9A 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 #5ECC9A looks like.

```
.text, #text, p{  
    color:#5ECC9A  
}
```

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 #5ECC9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ECC9A
}
```

Border

The CSS property to change the border of an element to Hex 5ECC9A 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
#5ECC9A }
```

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

```
.border{ border-color:#5ECC9A }
```

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

Here you see how a box with a 4 pixel #5ECC9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ECC9A; -webkit-box-shadow:4px 4px  
4px 4px #5ECC9A; box-shadow:4px 4px 4px  
4px #5ECC9A }
```

Background

The CSS property to change the background color of an element to Hex 5ECC9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ECC9A }
```

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

```
.background{ background-color:#5ECC9A }
```

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