

# Converting Colors

Hex(5EC59C)

Have a look what the booklet for  
Hex(5EC59C) contains.

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**Color**

**Hex(5EC59C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC59C
RGB	94, 197, 156
RGB Percent	37%, 77%, 61%
CMY	0.6314, 0.2275, 0.3882
CMYK	0.52, 0.00, 0.21, 0.23
HSL	156°, 47%, 57%
HSV	156°, 52%, 77%
XYZ	30.5831, 44.7125, 38.4710
YIQ	161.5290, -48.2270, -34.5870

# Conversions

## Conversions Part 2

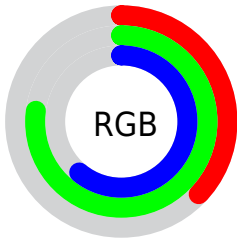
Format	Color
<a href="#">RYB</a>	<a href="#">94, 158, 197</a>
Decimal	<a href="#">6210972</a>
CIELab	<a href="#">72.70, -39.71, 11.54</a>
CIELCh	<a href="#">73, 41.357, 163.792</a>
Yxy	<a href="#">44.7125, 0.2688, 0.3930</a>
Android (android.graphics.Color)	<a href="#">4284401052 (0xFF5EC59C)</a>
YUV	<a href="#">161.5290, -2.7258, -59.2229</a>
Hunter-Lab	<a href="#">66.8674, -35.3775, 12.6957</a>

# Details

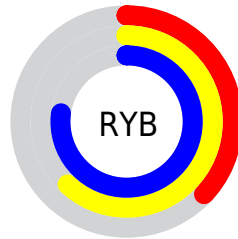
The Hex color **5EC59C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55E87**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **97FED3**, and **1E8E69** is the 20% darker color. If you saturate the color by 10%, you get **4AC594**, and if you desaturate by 10%, it is **72C5A4**.

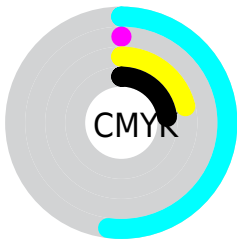
# Distribution



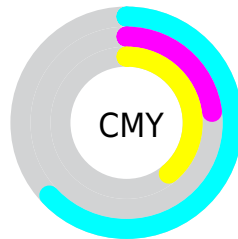
- Red (37%)
- Green (77%)
- Blue (61%)



- Red (37%)
- Yellow (62%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (63%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC59C 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 5EC59C by changing the saturation by 10% instead.



 5EC59C

 5EC59C

FFFFFF

 41A982

 97FED3

 1E8E69

 B4FDEF

 007451

 D1FFFF

 005B3A

 EEEFFF

 004324

 002C0F

 001100

 000000

 5EC59C

 5EC59C

 4AC594

 72C5A4

 37C58C

 85C5AC

 23C584

 99C5B4

 0FC57D

 ADC5BB

 00C577

 C1C5C3

 D4C5CB

 E8C5D3

 FCC5DB

 FFC5E3

# Harmonies

## Analogous

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



8FBF7A



5EC59C



14C7C3

# Triad

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



5EC59C



97B0FC



F49C80

# Complementary

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



5EC59C



C55E87

# 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.



FC95A2



5EC59C



CDA2E9

# Square

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



5EC59C



52BCFA



EF97C8



DDA96A

# Rectangle

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



5EC59C



00C5DB



EF97C8



F9998A

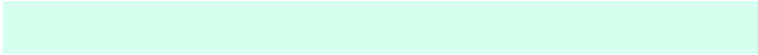


# Sweetspot

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



5EC59C



D6FFEF



87C55E



678076



000000



808080



# Same Dimension

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



5EC59C



5EFFBF



5EBBC5



5A635F



00A362



002415



# Inverse Universe

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



C55E87



FF5E9E



C5685E



635A5D



A30041

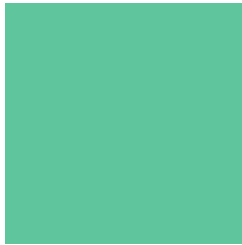


24000E



# Previews

## White Background



This preview shows how the Hex color 5EC59C 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 5EC59C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

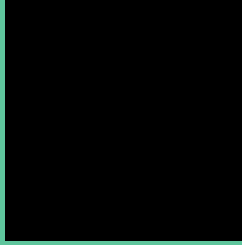
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EC59C Background



This preview shows how black text looks on a background with the Hex color 5EC59C.

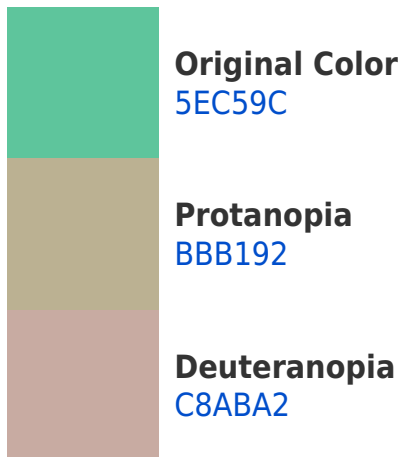


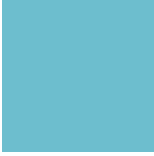
This preview shows how white text looks on a background with the Hex color 5EC59C.

# 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





# Trichromacy



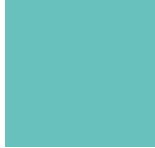
**Original Color**  
5EC59C



**Protanomaly**  
99B896



**Deuteranomaly**  
A1B4A0



**Tritanomaly**  
68C1BC

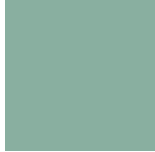
# Monochromacy



**Original Color**  
5EC59C



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
89AFA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC59C 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 #5EC59C looks like.

```
.text, #text, p{  
    color:#5EC59C  
}
```

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 #5EC59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC59C
}
```

## Border

The CSS property to change the border of an element to Hex 5EC59C 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
#5EC59C }
```

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

```
.border{ border-color:#5EC59C }
```

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

Here you see how a box with a 4 pixel #5EC59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC59C; -webkit-box-shadow:4px 4px  
4px 4px #5EC59C; box-shadow:4px 4px 4px  
4px #5EC59C }
```

# Background

The CSS property to change the background color of an element to Hex 5EC59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC59C }
```

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

```
.background{ background-color:#5EC59C }
```

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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