

# Converting Colors

Hex(55E59B)

Have a look what the booklet for  
Hex(55E59B) contains.

<b>Hex(55E59B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(55E59B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55E59B
RGB	85, 229, 155
RGB Percent	33%, 90%, 61%
CMY	0.6667, 0.1020, 0.3922
CMYK	0.63, 0.00, 0.32, 0.10
HSL	149°, 73%, 62%
HSV	149°, 63%, 90%
XYZ	37.6820, 60.3365, 40.6704
YIQ	177.5080, -62.0700, -53.5420

# Conversions

## Conversions Part 2

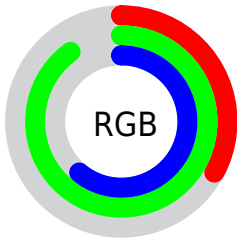
Format	Color
<a href="#">RYB</a>	<a href="#">85, 182, 229</a>
Decimal	<a href="#">5629339</a>
CIELab	<a href="#">82.02, -55.19, 24.97</a>
CIElCh	<a href="#">82, 60.575, 155.660</a>
Yxy	<a href="#">60.3365, 0.2717, 0.4350</a>
Android (android.graphics.Color)	<a href="#">4283819419 (0xFF55E59B)</a>
YUV	<a href="#">177.5080, -11.0964, -81.1295</a>
Hunter-Lab	<a href="#">77.6766, -49.3411, 23.3301</a>

# Details

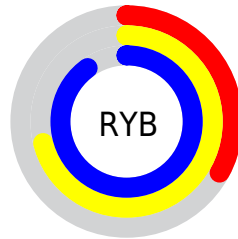
The Hex color **55E59B** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E5559F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **93FFD2**, and **00AC67** is the 20% darker color. If you saturate the color by 10%, you get **3EE58F**, and if you desaturate by 10%, it is **6CE5A7**.

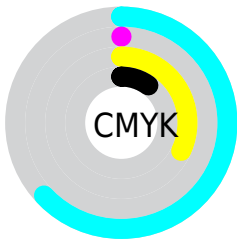
# Distribution



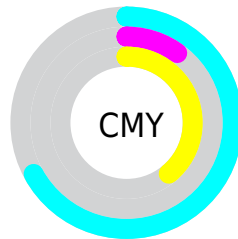
- Red (33%)
- Green (90%)
- Blue (61%)



- Red (33%)
- Yellow (71%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55E59B 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 55E59B by changing the saturation by 10% instead.



 55E59B

 55E59B


FFFFFF

 30C881

 93FFD2

 00AC67

 B2FFEE

 00914F

 D0FFFF

 007637


 EEEFFF

 005D21

 00440A

 002D00

 000D00

 000000

 55E59B

 55E59B

 3EE58F

 6CE5A7

 27E583

 83E5B3

 10E578

 9AE5BE

 00E56F

 B1E5CA

 C8E5D6

 DEE5E2

 F5E5ED

 FFE5F9

 FFE5FF

# Harmonies

## Analogous

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



A7DC6C



55E59B



00E9D5

# Triad

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



55E59B



7ACEFF



FFA48D

# Complementary

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



55E59B



E559F

# 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.



FF9BC3



55E59B



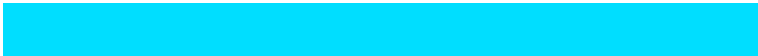
DEB9FF

# Square

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



55E59B



00DEFF



FFA4FC



FFB864

# Rectangle

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



55E59B



00E8FB



FFA4FC



FF9F9E

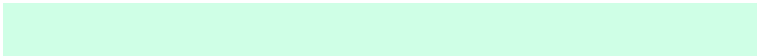


# Sweetspot

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



55E59B



CFFFE6



9FE555



628070



000000



808080



# Same Dimension

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



55E59B



40FF9D



55E5E3



67736D



00B357



003319



# Inverse Universe

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



E5559F



FF40A2



E55557



73676D



B3005C

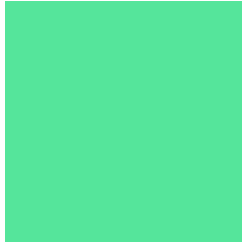


33001A



# Previews

## White Background



This preview shows how the Hex color 55E59B 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 55E59B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

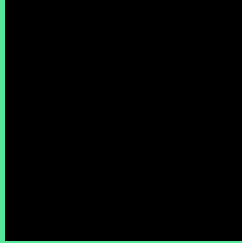
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55E59B Background



This preview shows how black text looks on a background with the Hex color 55E59B.

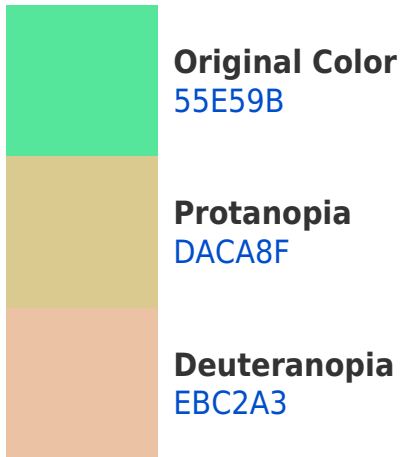


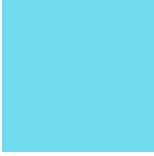
This preview shows how white text looks on a background with the Hex color 55E59B.

# 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**  
70DBEC

# Trichromacy



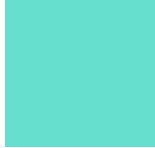
**Original Color**  
55E59B



**Protanomaly**  
AAD493



**Deuteranomaly**  
B4CFA0



**Tritanomaly**  
66DFCF

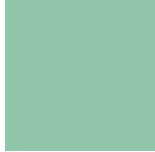
# Monochromacy



**Original Color**  
55E59B



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
90C5AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55E59B 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 #55E59B looks like.

```
.text, #text, p{  
    color:#55E59B  
}
```

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 #55E59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E59B
}
```

## Border

The CSS property to change the border of an element to Hex 55E59B 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
#55E59B }
```

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

```
.border{ border-color:#55E59B }
```

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

Here you see how a box with a 4 pixel #55E59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E59B; -webkit-box-shadow:4px 4px  
4px 4px #55E59B; box-shadow:4px 4px 4px  
4px #55E59B }
```

# Background

The CSS property to change the background color of an element to Hex 55E59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E59B }
```

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

```
.background{ background-color:#55E59B }
```

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