

# Converting Colors

Hex(59E0AA)

Have a look what the booklet for  
Hex(59E0AA) contains.

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**Color**

**Hex(59E0AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E0AA
RGB	89, 224, 170
RGB Percent	35%, 88%, 67%
CMY	0.6510, 0.1216, 0.3333
CMYK	0.60, 0.00, 0.24, 0.12
HSL	156°, 69%, 61%
HSV	156°, 60%, 88%
XYZ	38.0312, 58.3374, 47.2860
YIQ	177.4790, -63.1260, -45.4140

# Conversions

## Conversions Part 2

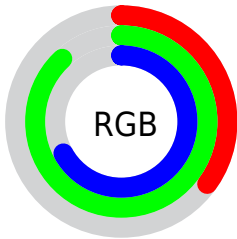
Format	Color
<a href="#">RYB</a>	<a href="#">89, 173, 224</a>
Decimal	<a href="#">5890218</a>
CIELab	<a href="#">80.93, -49.34, 15.66</a>
CIElCh	<a href="#">81, 51.766, 162.394</a>
Yxy	<a href="#">58.3374, 0.2647, 0.4061</a>
Android (android.graphics.Color)	<a href="#">4284080298</a> ( <a href="#">0xFF59E0AA</a> )
YUV	<a href="#">177.4790, -3.6871, -77.5961</a>
Hunter-Lab	<a href="#">76.3789, -44.7831, 16.7590</a>

# Details

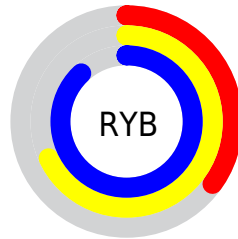
The Hex color **59E0AA** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E0598F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **96FFE1**, and **00A876** is the 20% darker color. If you saturate the color by 10%, you get **43E0A1**, and if you desaturate by 10%, it is **6FE0B3**.

# Distribution



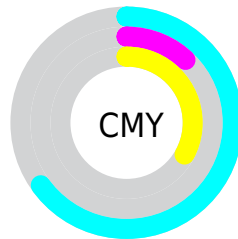
- Red (35%)
- Green (88%)
- Blue (67%)



- Red (35%)
- Yellow (68%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E0AA 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 59E0AA by changing the saturation by 10% instead.



 59E0AA

 59E0AA

FFFFFF

 37C48F

 96FFE1

 00A876

 B4FFFE

 008D5D

 D2FFFF

 007245

 F0FFFF

 00592F

 004019

 002A00

 000600

 000000

 59E0AA

 59E0AA

 43E0A1

 6FE0B3

 2CE098

 86E0BC

 16E08F

 9CE0C5

 00E086

 B3E0CE

 C9E0D7

 DFE0E0

 F6E0E9

 FFE0F2

 FFE0FB

# Harmonies

## Analogous

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



9ED97F



59E0AA



00E2DC

# Triad

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



59E0AA



9FC7FF



FFAB8A

# Complementary

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



59E0AA



E0598F

# 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.



FFA2B7



59E0AA



E7B5FF

# Square

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



59E0AA



24D6FF



FFA5E7



FFBC6C

# Rectangle

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



59E0AA



00E1FB



FFA5E7



FFA798

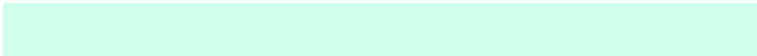


# Sweetspot

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



59E0AA



D1FFED



8FE059



638074



000000



808080



# Same Dimension

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



59E0AA



47FFB6



59D2E0



65706C



00B06A



00301D



# Inverse Universe

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



E0598F



FF4791



E06659



706569



B00046

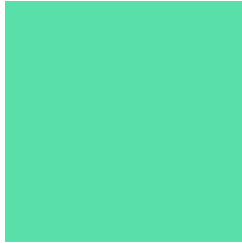


300013



# Previews

## White Background



This preview shows how the Hex color 59E0AA looks on a white background.

## Color Contrast Check

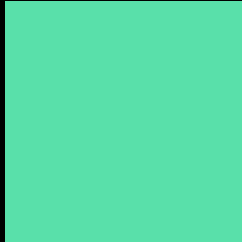
Large Text (above 18pt) WCAG AA × Fail

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 59E0AA 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 59E0AA Background



This preview shows how black text looks on a background with the Hex color 59E0AA.

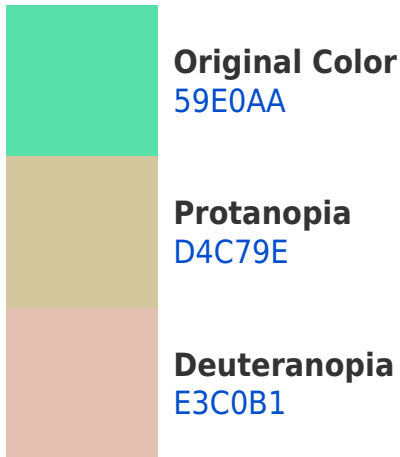


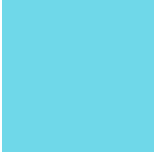
This preview shows how white text looks on a background with the Hex color 59E0AA.

# 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**  
6FD8E9

# Trichromacy



**Original Color**  
59E0AA



**Protanomaly**  
A7D0A2



**Deuteranomaly**  
B1CCEA

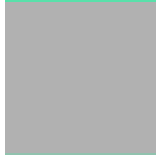


**Tritanomaly**  
67DBD2

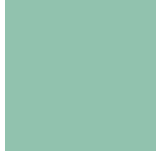
# Monochromacy



**Original Color**  
59E0AA



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
91C2AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E0AA 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 #59E0AA looks like.

```
.text, #text, p{  
    color:#59E0AA  
}
```

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 #59E0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E0AA
}
```

## Border

The CSS property to change the border of an element to Hex 59E0AA 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
#59E0AA }
```

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

```
.border{ border-color:#59E0AA }
```

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

Here you see how a box with a 4 pixel #59E0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E0AA; -webkit-box-shadow:4px 4px  
4px 4px #59E0AA; box-shadow:4px 4px 4px  
4px #59E0AA }
```

# Background

The CSS property to change the background color of an element to Hex 59E0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E0AA }
```

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

```
.background{ background-color:#59E0AA }
```

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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