

# Converting Colors

Hex(5EC6AA)

Have a look what the booklet for  
Hex(5EC6AA) contains.

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**Color**

**Hex(5EC6AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC6AA
RGB	94, 198, 170
RGB Percent	37%, 78%, 67%
CMY	0.6314, 0.2235, 0.3333
CMYK	0.53, 0.00, 0.14, 0.22
HSL	164°, 48%, 57%
HSV	164°, 53%, 78%
XYZ	32.0659, 45.6701, 45.1554
YIQ	163.7120, -52.9960, -30.7560

# Conversions

## Conversions Part 2

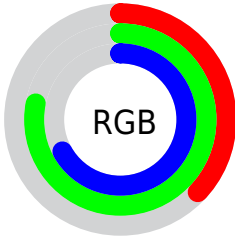
Format	Color
<a href="#">RYB</a>	<a href="#">94, 154, 198</a>
Decimal	<a href="#">6211242</a>
CIELab	<a href="#">73.33, -36.97, 4.87</a>
CIELCh	<a href="#">73, 37.293, 172.493</a>
Yxy	<a href="#">45.6701, 0.2609, 0.3716</a>
Android (android.graphics.Color)	<a href="#">4284401322</a> ( <a href="#">0xFF5EC6AA</a> )
YUV	<a href="#">163.7120, 3.1000, -61.1374</a>
Hunter-Lab	<a href="#">67.5797, -33.5680, 7.6894</a>

# Details

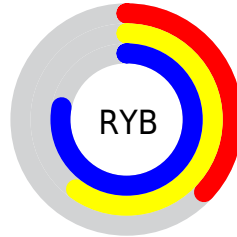
The Hex color **5EC6AA** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C65E7A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **97FFE1**, and **1D8F76** is the 20% darker color. If you saturate the color by 10%, you get **4AC6A5**, and if you desaturate by 10%, it is **72C6AF**.

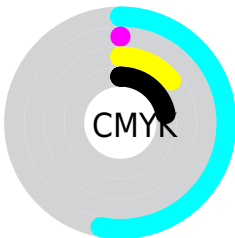
# Distribution



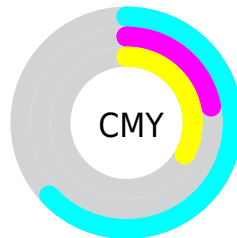
- Red (37%)
- Green (78%)
- Blue (67%)



- Red (37%)
- Yellow (60%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC6AA 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 5EC6AA by changing the saturation by 10% instead.



 5EC6AA

 5EC6AA

FFFFFF

 40AA90

 97FFE1

 1D8F76

 B4FFFE

 00755D

 D1FFFF

 005C46

 EFFFFFF

 00442F

 002D1B

 001400

 000000

 5EC6AA

 5EC6AA

 4AC6A5

 72C6AF

 36C69F

 86C6B5

 23C69A

 99C6BA

 0FC695

 ADC6BF

 00C691

 C1C6C5

 D5C6CA

 E9C6CF

 FCC6D5

 FFC6DA

# Harmonies

## Analogous

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



89C289



5EC6AA



36C6CD

# Triad

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



5EC6AA



ACAEF3



ECA37F

# Complementary

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



5EC6AA



C65E7A

# 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.



F79B9C



5EC6AA



D7A2DE

# Square

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



5EC6AA



75BAF7



F19BBE



D3AF70

# Rectangle

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



5EC6AA



33C4E1



F19BBE



F1A087

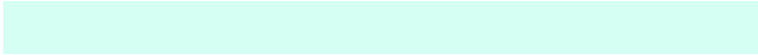


# Sweetspot

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



5EC6AA



D6FFF4



7BC65E



678079



000000



808080



# Same Dimension

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



5EC6AA



5EFFD4



5EAFC6



5A6361



00A377



00241A



# Inverse Universe

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



C65E7A



FF5E8A



C6755E



635A5C



A3002C

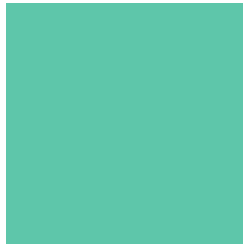


24000A



# Previews

## White Background



This preview shows how the Hex color 5EC6AA 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 5EC6AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

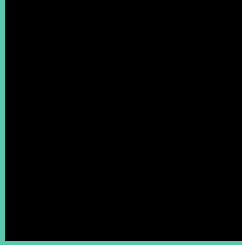
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

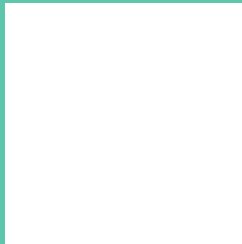
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EC6AA Background



This preview shows how black text looks on a background with the Hex color 5EC6AA.



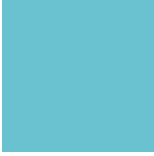
This preview shows how white text looks on a background with the Hex color 5EC6AA.

# 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**  
6AC1D0

# Trichromacy



**Original Color**  
5EC6AA



**Protanomaly**  
99B9A4



**Deuteranomaly**  
A0B6AD

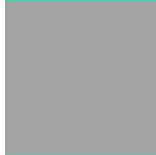


**Tritanomaly**  
66C3C2

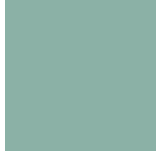
# Monochromacy



**Original Color**  
5EC6AA



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
8BB0A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC6AA 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 #5EC6AA looks like.

```
.text, #text, p{  
    color:#5EC6AA  
}
```

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 #5EC6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC6AA
}
```

## Border

The CSS property to change the border of an element to Hex 5EC6AA 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
#5EC6AA }
```

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

```
.border{ border-color:#5EC6AA }
```

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

Here you see how a box with a 4 pixel #5EC6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC6AA; -webkit-box-shadow:4px 4px  
4px 4px #5EC6AA; box-shadow:4px 4px 4px  
4px #5EC6AA }
```

# Background

The CSS property to change the background color of an element to Hex 5EC6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC6AA }
```

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

```
.background{ background-color:#5EC6AA }
```

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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