

# Converting Colors

Hex(5EC7B5)

Have a look what the booklet for  
Hex(5EC7B5) contains.

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# Color

**Hex(5EC7B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC7B5
RGB	94, 199, 181
RGB Percent	37%, 78%, 71%
CMY	0.6314, 0.2196, 0.2902
CMYK	0.53, 0.00, 0.09, 0.22
HSL	170°, 48%, 57%
HSV	170°, 53%, 78%
XYZ	33.3800, 46.5627, 50.9443
YIQ	165.5530, -56.8020, -27.8580

# Conversions

## Conversions Part 2

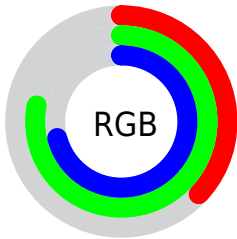
Format	Color
<a href="#">RYB</a>	<a href="#">94, 151, 199</a>
Decimal	<a href="#">6211509</a>
CIELab	<a href="#">73.91, -34.77, -0.25</a>
CIELCh	<a href="#">74, 34.775, 180.411</a>
Yxy	<a href="#">46.5627, 0.2550, 0.3557</a>
Android (android.graphics.Color)	<a href="#">4284401589 (0xFF5EC7B5)</a>
YUV	<a href="#">165.5530, 7.6154, -62.7520</a>
Hunter-Lab	<a href="#">68.2369, -32.0962, 3.5011</a>

# Details

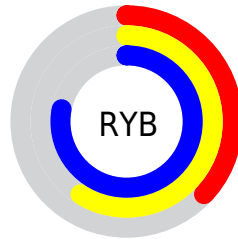
The Hex color **5EC7B5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C75E70**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **98FFED**, and **1A9080** is the 20% darker color. If you saturate the color by 10%, you get **4AC7B2**, and if you desaturate by 10%, it is **72C7B8**.

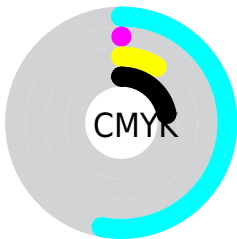
# Distribution



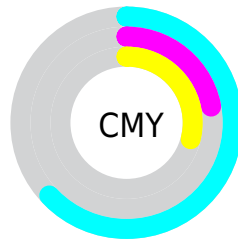
- Red (37%)
- Green (78%)
- Blue (71%)



- Red (37%)
- Yellow (59%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC7B5 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 5EC7B5 by changing the saturation by 10% instead.



 5EC7B5

 5EC7B5

FFFFFF

 40AB9A

 98FFED

 1A9080

 B5FFFF

 007667

 D2FFFF

 005D4F

 F0FFFF

 004538

 002E23

 00170E

 000000

 5EC7B5

 5EC7B5

 4AC7B2

 72C7B8

 36C7AE

 86C7BC

 22C7AB

 9AC7BF

 0EC7A7

 AEC7C3

 00C7A5

 C2C7C6

 D5C7C9

 E9C7CD

 FDC7D0

 FFC7D4

# Harmonies

## Analogous

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



84C495



5EC7B5



46C6D5

# Triad

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



5EC7B5



BAADED



E5A97F

# Complementary

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



5EC7B5



C75E70

# 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.



F4A097



5EC7B5



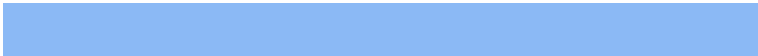
DFA3D6

# Square

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



5EC7B5



8BB9F5



F29DB6



CBB476

# Rectangle

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



5EC7B5



4FC3E6



F29DB6



ECA586

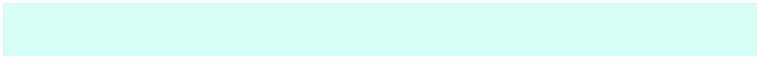


# Sweetspot

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



5EC7B5



D6FFF8



71C75E



67807B



000000



808080



# Same Dimension

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



5EC7B5



5EFFE3



5EA6C7



5A6362



00A387



00241E



# Inverse Universe

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



C75E70



FF5E7A



C77F5E



635A5B



A3001C

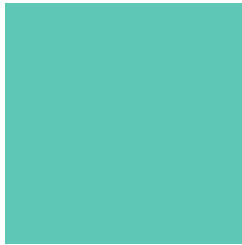


240006



# Previews

## White Background



This preview shows how the Hex color 5EC7B5 looks on a white background.

## Color Contrast Check

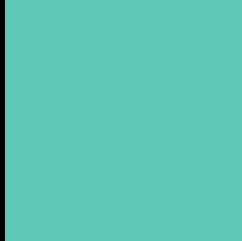
Large Text (above 18pt) WCAG AA × Fail

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 5EC7B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

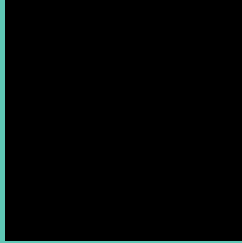
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

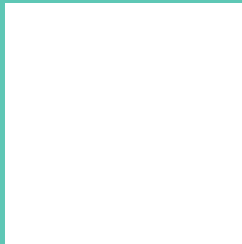
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EC7B5 Background



This preview shows how black text looks on a background with the Hex color 5EC7B5.

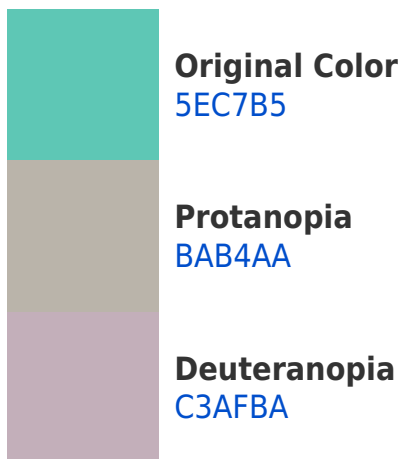


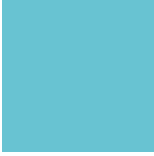
This preview shows how white text looks on a background with the Hex color 5EC7B5.

# 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



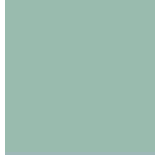


**Tritanopia**  
68C3D2

# Trichromacy



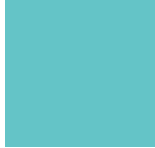
**Original Color**  
5EC7B5



**Protanomaly**  
99BBAE



**Deuteranomaly**  
9EB8B8

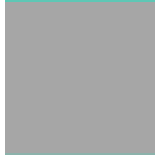


**Tritanomaly**  
64C4C7

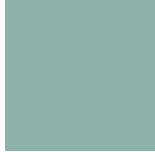
# Monochromacy



**Original Color**  
5EC7B5



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
8CB2AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC7B5 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 #5EC7B5 looks like.

```
.text, #text, p{  
    color:#5EC7B5  
}
```

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 #5EC7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC7B5
}
```

## Border

The CSS property to change the border of an element to Hex 5EC7B5 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
#5EC7B5 }
```

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

```
.border{ border-color:#5EC7B5 }
```

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

Here you see how a box with a 4 pixel #5EC7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC7B5; -webkit-box-shadow:4px 4px  
4px 4px #5EC7B5; box-shadow:4px 4px 4px  
4px #5EC7B5 }
```

# Background

The CSS property to change the background color of an element to Hex 5EC7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC7B5 }
```

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

```
.background{ background-color:#5EC7B5 }
```

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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