

# Converting Colors

Hex(5EC7CC)

Have a look what the booklet for  
Hex(5EC7CC) contains.

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# Color

Hex(5EC7CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC7CC
RGB	94, 199, 204
RGB Percent	37%, 78%, 80%
CMY	0.6314, 0.2196, 0.2000
CMYK	0.54, 0.02, 0.00, 0.20
HSL	183°, 52%, 58%
HSV	183°, 54%, 80%
XYZ	35.9386, 47.5862, 64.4176
YIQ	168.1750, -64.1850, -20.7050

# Conversions

## Conversions Part 2

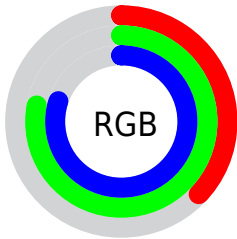
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 148, 204
Decimal	6211532
CIELab	74.56, -28.80, -11.75
CIELCh	75, 31.107, 202.202
Yxy	47.5862, 0.2429, 0.3217
Android (android.graphics.Color)	4284401612 (0xFF5EC7CC)
YUV	168.1750, 17.6617, -65.0515
Hunter-Lab	68.9827, -27.7249, -7.0784

# Details

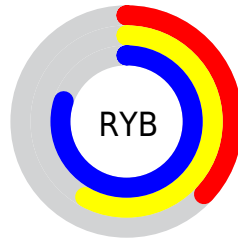
The Hex color **5EC7CC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC635E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **99FFFF**, and **159196** is the 20% darker color. If you saturate the color by 10%, you get **4AC6CC**, and if you desaturate by 10%, it is **72C8CC**.

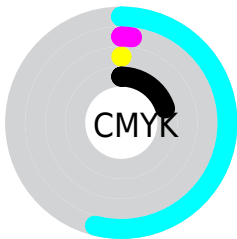
# Distribution



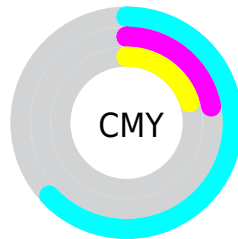
- Red (37%)
- Green (78%)
- Blue (80%)



- Red (37%)
- Yellow (58%)
- Blue (80%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (22%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC7CC 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 5EC7CC by changing the saturation by 10% instead.



 5EC7CC

 5EC7CC

FFFFFF

 3EABB1

 99FFFF

 159196

 B6FFFF

 00777C

 D4FFFF

 005E63

 F2FFFF

 00454B

 002E35

 001A20

 000006

 000000

■ 5EC7CC

■ 5EC7CC

■ 4AC6CC

■ 72C8CC

■ 35C5CC

■ 87C9CC

■ 21C4CC

■ 9BCACC

■ 0CC3CC

■ B0CBCC

■ 00C3CC

■ C4CCCC

■ D8CDCC

■ EDCDCC

■ FFCECC

■ FFCFCC

# Harmonies

## Analogous

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



74C7AF



5EC7CC



65C3E4

# Triad

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



5EC7CC



D5A9DB



D3B37F

# Complementary

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



5EC7CC



CC635E

# 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.



E8AA8B



5EC7CC



EBA3C0

# Square

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



5EC7CC



B1B3EC



F1A3A3



B6BC82

# Rectangle

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



5EC7CC



7ABFED



F1A3A3



DBB082



# Sweetspot

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



5EC7CC



D6FDFD



5ECC62



677E80



000000



808080



# Same Dimension

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



5EC7CC



59F7FF



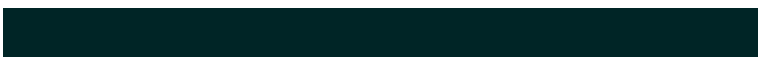
5E91CC



5C6666



009EA6



002526



# Inverse Universe

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



CC5EC7



FF59F7



CC995E



665C66



A6009E

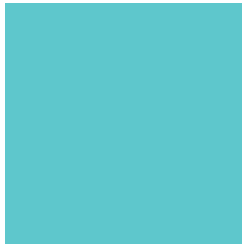


260025



# Previews

## White Background



This preview shows how the Hex color 5EC7CC looks on a white background.

## Color Contrast Check

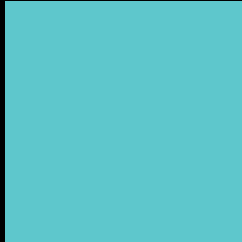
Large Text (above 18pt) WCAG AA × Fail

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 5EC7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

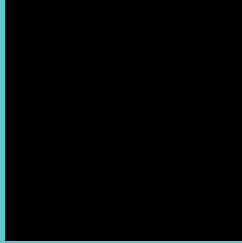
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EC7CC Background



This preview shows how black text looks on a background with the Hex color 5EC7CC.

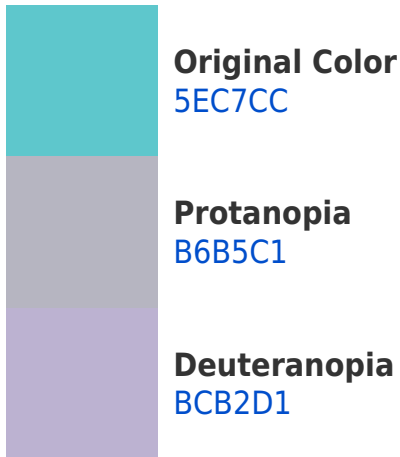


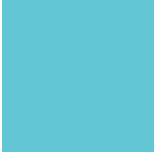
This preview shows how white text looks on a background with the Hex color 5EC7CC.

# 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](#).

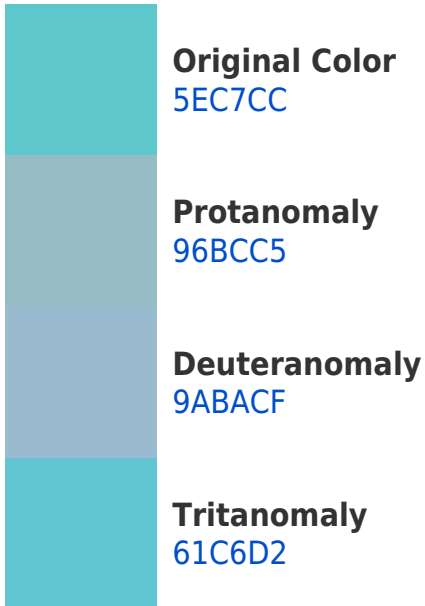
## Dichromacy



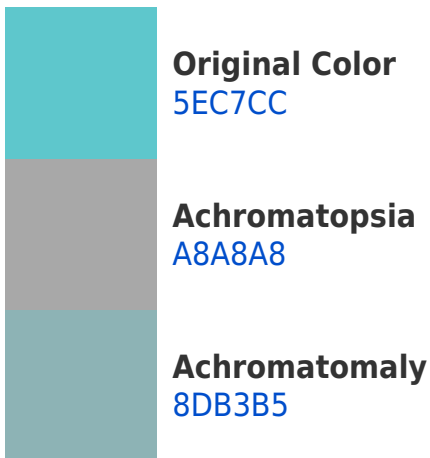


**Tritanopia**  
62C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC7CC 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 #5EC7CC looks like.

```
.text, #text, p{  
    color:#5EC7CC  
}
```

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 #5EC7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC7CC  
}
```

## Border

The CSS property to change the border of an element to Hex 5EC7CC 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  
#5EC7CC }
```

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

```
.border{ border-color:#5EC7CC }
```

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

Here you see how a box with a 4 pixel #5EC7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC7CC; -webkit-box-shadow:4px 4px  
4px 4px #5EC7CC; box-shadow:4px 4px 4px  
4px #5EC7CC }
```

# Background

The CSS property to change the background color of an element to Hex 5EC7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC7CC }
```

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

```
.background{ background-color:#5EC7CC }
```

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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