

Converting Colors

Hex(5EC6B0)

Have a look what the booklet for
Hex(5EC6B0) contains.

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Color

Hex(5EC6B0)

Conversions

Conversions Part 1

Format	Color
Hex	5EC6B0
RGB	94, 198, 176
RGB Percent	37%, 78%, 69%
CMY	0.6314, 0.2235, 0.3098
CMYK	0.53, 0.00, 0.11, 0.22
HSL	167°, 48%, 57%
HSV	167°, 53%, 78%
XYZ	32.6466, 45.9024, 48.2137
YIQ	164.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

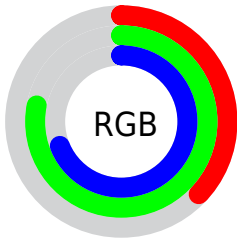
Format	Color
RYB	94, 152, 198
Decimal	6211248
CIELab	73.48, -35.54, 1.84
CIElCh	73, 35.584, 177.037
Yxy	45.9024, 0.2575, 0.3621
Android (android.graphics.Color)	4284401328 (0xFF5EC6B0)
YUV	164.3960, 5.7208, -61.7373
Hunter-Lab	67.7513, -32.5529, 5.2336

Details

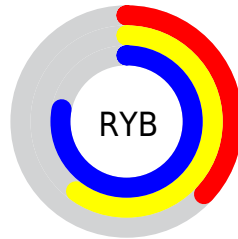
The Hex color **5EC6B0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C65E74**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **98FFE8**, and **1C907C** is the 20% darker color. If you saturate the color by 10%, you get **4AC6AC**, and if you desaturate by 10%, it is **72C6B4**.

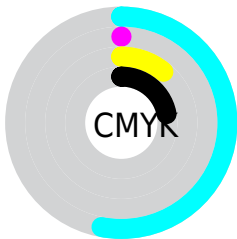
Distribution



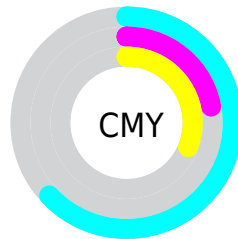
- Red (37%)
- Green (78%)
- Blue (69%)



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



- Cyan (53%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC6B0 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 5EC6B0 by changing the saturation by 10% instead.

 5EC6B0

 5EC6B0

FFFFFF

 40AA95

 98FFE8

 1C907C

 B4FFFF

 007563

 D2FFFF

 005C4B

 EFFFFFF

 004434

 002D1F

 001508

 000000

 5EC6B0

 5EC6B0

 4AC6AC

 72C6B4

 36C6A8

 86C6B8

 23C6A3

 99C6BD

 0FC69F

 ADC6C1

 00C69C

 C1C6C5

 D5C6C9

 E9C6CD

 FCC6D2

 FFC6D6

Harmonies

Analogous

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



86C390



5EC6B0



40C6D1

Triad

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



5EC6B0



B4ADEF



E7A67F

Complementary

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



5EC6B0



C65E74

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.



F49E98



5EC6B0



DBA2D8

Square

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



5EC6B0



82B9F5



F19CB9



CEB173

Rectangle

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



5EC6B0



45C3E3



F19CB9



EDA386

Sweetspot

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



5EC6B0



D6FFF6



75C65E



67807A



000000



808080

Same Dimension

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



5EC6B0



5EFFDD



5EA9C6



5A6361



00A381



00241C

Inverse Universe

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



C65E74



FF5E80



C67B5E



635A5C



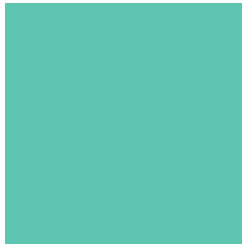
A30023



240008

Previews

White Background



This preview shows how the Hex color 5EC6B0 looks on a white background.

Color Contrast Check

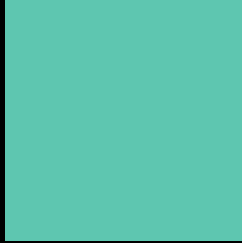
Large Text (above 18pt) WCAG AA × Fail

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 5EC6B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

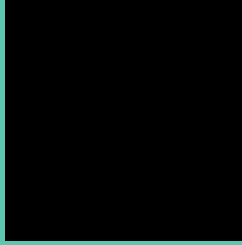
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

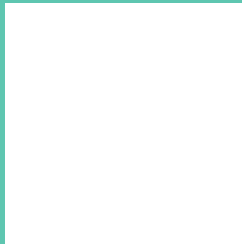
Any Text WCAG AAA ✓ Pass

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

Hex 5EC6B0 Background



This preview shows how black text looks on a background with the Hex color 5EC6B0.



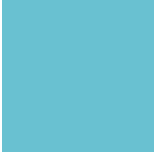
This preview shows how white text looks on a background with the Hex color 5EC6B0.

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
69C1D1

Trichromacy



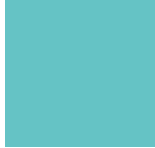
Original Color
5EC6B0



Protanomaly
99BAA9



Deuteranomaly
9FB7B3

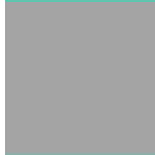


Tritanomaly
65C3C5

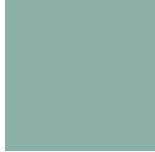
Monochromacy



Original Color
5EC6B0



Achromatopsia
A4A4A4



Achromatomaly
8BB0A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC6B0 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 #5EC6B0 looks like.

```
.text, #text, p{  
    color:#5EC6B0  
}
```

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 #5EC6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC6B0
}
```

Border

The CSS property to change the border of an element to Hex 5EC6B0 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
#5EC6B0 }
```

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

```
.border{ border-color:#5EC6B0 }
```

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

Here you see how a box with a 4 pixel #5EC6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC6B0; -webkit-box-shadow:4px 4px  
4px 4px #5EC6B0; box-shadow:4px 4px 4px  
4px #5EC6B0 }
```

Background

The CSS property to change the background color of an element to Hex 5EC6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC6B0 }
```

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

```
.background{ background-color:#5EC6B0 }
```

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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