

Converting Colors

Hex(5EC0CE)

Have a look what the booklet for
Hex(5EC0CE) contains.

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Color

Hex(5EC0CE)

Conversions

Conversions Part 1

Format	Color
Hex	5EC0CE
RGB	94, 192, 206
RGB Percent	37%, 75%, 81%
CMY	0.6314, 0.2471, 0.1922
CMYK	0.54, 0.07, 0.00, 0.19
HSL	188°, 53%, 59%
HSV	188°, 54%, 81%
XYZ	34.6063, 44.5352, 65.1647
YIQ	164.2940, -62.9020, -16.4220

Conversions

Conversions Part 2

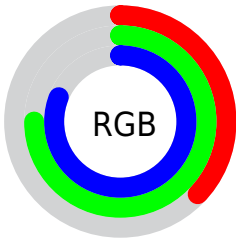
Format	Color
RYB	94, 146, 206
Decimal	6209742
CIELab	72.58, -24.80, -15.81
CIELCh	73, 29.410, 212.523
Yxy	44.5352, 0.2398, 0.3086
Android (android.graphics.Color)	4284399822 (0xFF5EC0CE)
YUV	164.2940, 20.5611, -61.6478
Hunter-Lab	66.7347, -24.2218, -11.1809




Details

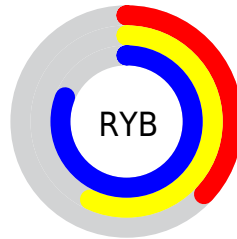
The Hex color **5EC0CE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE6C5E**, and the grayscale version is **A4A4A4**.




A 20% lighter version of the original color is **99F9FF**, and **168A98** is the 20% darker color. If you saturate the color by 10%, you get **49BDCE**, and if you desaturate by 10%, it is **73C3CE**.

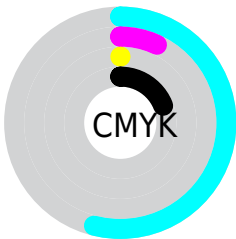
Distribution







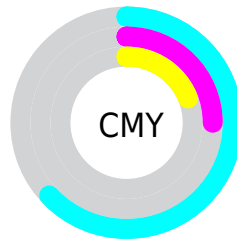
-  Red (37%)
-  Green (75%)
-  Blue (81%)






-  Red (37%)
-  Yellow (57%)
-  Blue (81%)



-  Cyan (54%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (19%)



-  Cyan (63%)
-  Magenta (25%)
-  Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC0CE 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 5EC0CE by changing the saturation by 10% instead.

 5EC0CE

 5EC0CE

FFFFFF

 3FA5B2

 99F9FF

 168A98

 B6FFFF

 00717E

 D3FFFF


 005865

 F1FFFF

 00404D

 002A36

 001221

 000007

 000000

 5EC0CE

 5EC0CE

 49BDCE

 73C3CE

 35BBCE

 87C5CE

 20B8CE

 9CC8CE

 0CB6CE

 B0CACE

 00B4CE

 C5CDCE

 DACFCE

 EED2CE

 FFD5CE

 FFD7CE

Harmonies

Analogous

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



6BC1B3



5EC0CE



6FBBE1

Triad

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



5EC0CE



D6A2CB



C3B17C

Complementary

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



5EC0CE



CE6C5E

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.



DAA883



5EC0CE



E69EB1

Square

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



5EC0CE



B9AADF



E7A196



A6B984

Rectangle

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



5EC0CE



86B7E7



E7A196



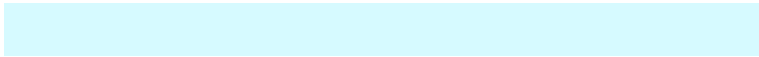
CCA77D

Sweetspot

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



5EC0CE



D6FAFF



5ECE6B



677C80



000000



808080

Same Dimension

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



5EC0CE



59EAFF



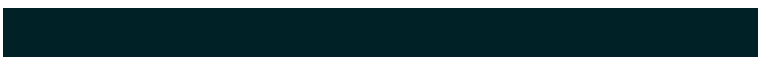
5E89CE



5C6566



0091A6



002126

Inverse Universe

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



CE5EC0



FF59EA



CEA35E



665C65



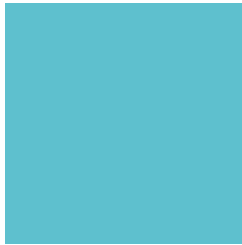
A60091



260021

Previews

White Background



This preview shows how the Hex color 5EC0CE looks on a white background.

Color Contrast Check

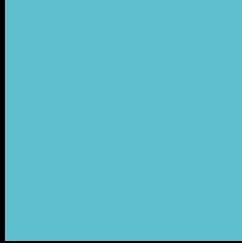
Large Text (above 18pt) WCAG AA × Fail

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 5EC0CE 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 5EC0CE Background



This preview shows how black text looks on a background with the Hex color 5EC0CE.



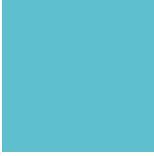
This preview shows how white text looks on a background with the Hex color 5EC0CE.

Color Blindness Simulation

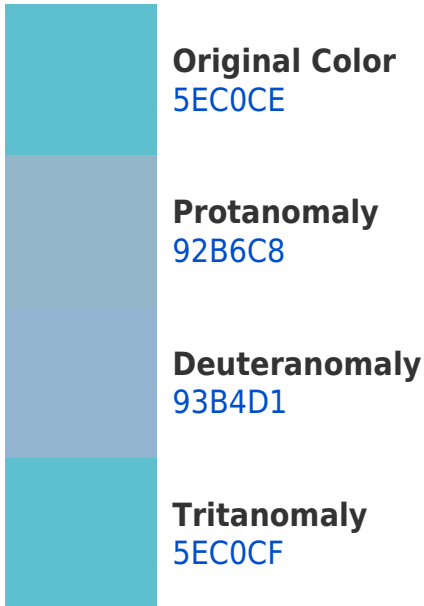
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

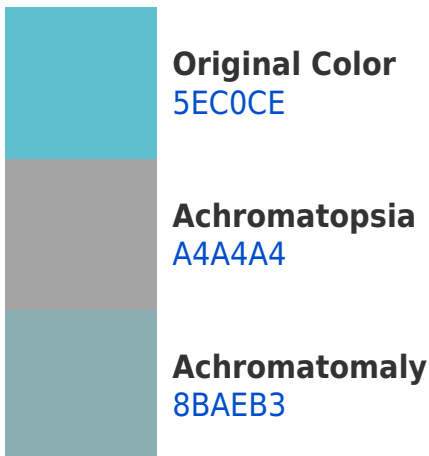




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC0CE 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 #5EC0CE looks like.

```
.text, #text, p{  
    color:#5EC0CE  
}
```

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 #5EC0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC0CE
}
```

Border

The CSS property to change the border of an element to Hex 5EC0CE 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
#5EC0CE }
```

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

```
.border{ border-color:#5EC0CE }
```

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

Here you see how a box with a 4 pixel #5EC0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC0CE; -webkit-box-shadow:4px 4px  
4px 4px #5EC0CE; box-shadow:4px 4px 4px  
4px #5EC0CE }
```

Background

The CSS property to change the background color of an element to Hex 5EC0CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC0CE }
```

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

```
.background{ background-color:#5EC0CE }
```

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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