

# Converting Colors

Hex(5EC4D7)

Have a look what the booklet for  
Hex(5EC4D7) contains.

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# Color

Hex(5EC4D7)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC4D7
RGB	94, 196, 215
RGB Percent	37%, 77%, 84%
CMY	0.6314, 0.2314, 0.1569
CMYK	0.56, 0.09, 0.00, 0.16
HSL	189°, 60%, 61%
HSV	189°, 56%, 84%
XYZ	36.6218, 46.7658, 71.3865
YIQ	167.6680, -66.8910, -15.7150

# Conversions

## Conversions Part 2

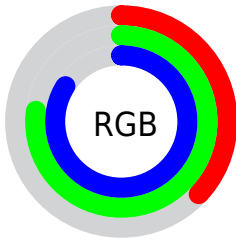
Format	Color
R <sub>Y</sub> B	94, 149, 215
Decimal	6210775
CIE Lab	74.04, -24.27, -18.51
CIE LCh	74, 30.519, 217.327
Yxy	46.7658, 0.2366, 0.3022
Android (android.graphics.Color)	4284400855 (0xFF5EC4D7)
YUV	167.6680, 23.3347, -64.6068
Hunter-Lab	68.3856, -24.0846, -14.0219

# Details

The Hex color **5EC4D7** 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 **D7715E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9AFDFF**, and **118EA0** is the 20% darker color. If you saturate the color by 10%, you get **49C1D7**, and if you desaturate by 10%, it is **74C7D7**.

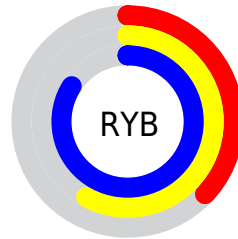
# Distribution



Red (37%)

Green (77%)

Blue (84%)



Red (37%)

Yellow (58%)

Blue (84%)

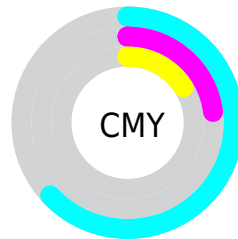


Cyan (56%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (63%)

Magenta (23%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC4D7 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 5EC4D7 by changing the saturation by 10% instead.



 5EC4D7

 5EC4D7

FFFFFF

 3EA9BB

 9AFDFF

 118EA0

 B7FFFF

 007486

 D5FFFF

 005B6D

 F3FFFF

 004354

 002D3D

 001827

 000112

 000000

■ 5EC4D7

■ 5EC4D7

■ 49C1D7

■ 74C7D7

■ 33BDD7

■ 89CBD7

■ 1EBAD7

■ 9FCED7

■ 08B6D7

■ B4D2D7

■ 00B5D7

■ CAD5D7

■ DFD8D7

■ F5DCD7

■ FFD7D7

■ FFE2D7

# Harmonies

## Analogous

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



67C6BC



5EC4D7



74BFE9

# Triad

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



5EC4D7



E0A4CC



C3B67E

# Complementary

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



5EC4D7



D7715E

# 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.



DCAD83



5EC4D7



EDA1B0

# Square

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



5EC4D7



C3ACE3



ECA595



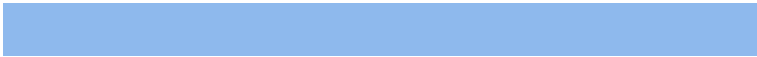
A4BF89

# Rectangle

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



5EC4D7



8EB9ED



ECA595



CCB37E

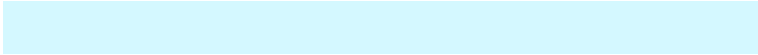


# Sweetspot

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



5EC4D7



D4F8FF



5ED770



667B80



000000



808080



# Same Dimension

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



5EC4D7



52E4FF



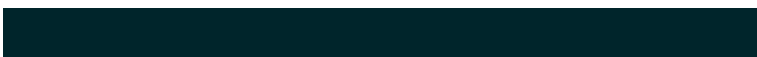
5E88D7



60696B



0090AB



00252B



# Inverse Universe

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



D75EC4



FF52E4



D7AD5E



6B6069



AB0090

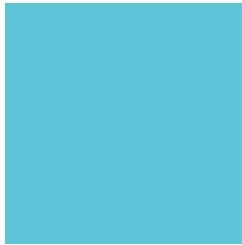


2B0025



# Previews

## White Background



This preview shows how the Hex color 5EC4D7 looks on a white background.

## Color Contrast Check

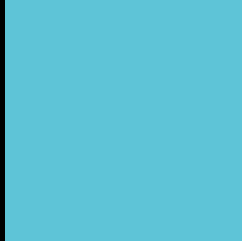
Large Text (above 18pt) WCAG AA × Fail

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 5EC4D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

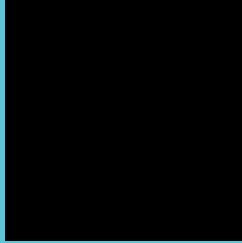
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EC4D7 Background



This preview shows how black text looks on a background with the Hex color 5EC4D7.

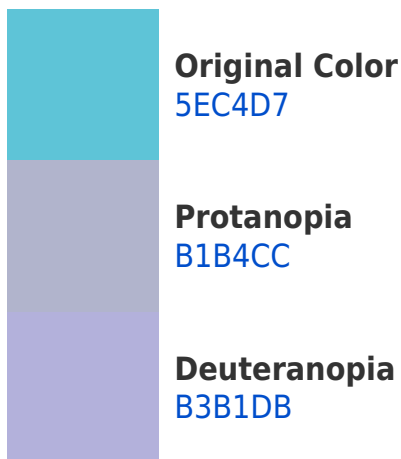


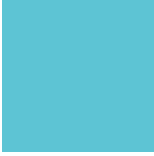
This preview shows how white text looks on a background with the Hex color 5EC4D7.

# 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](#).

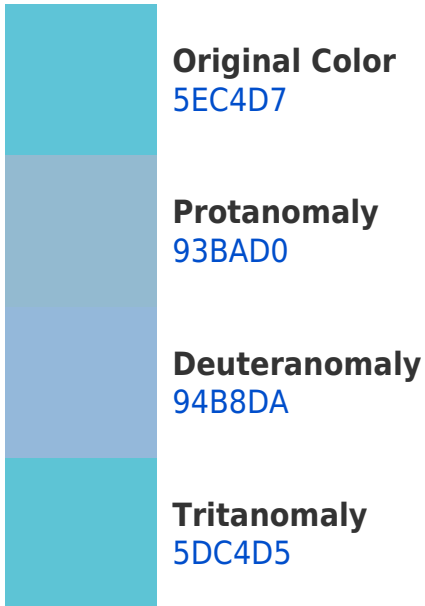
## Dichromacy



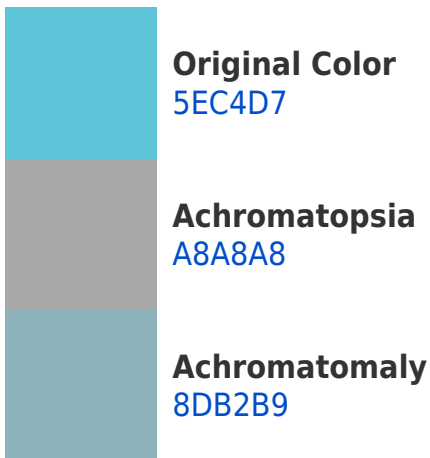


**Tritanopia**  
5DC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC4D7 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 #5EC4D7 looks like.

```
.text, #text, p{  
    color:#5EC4D7  
}
```

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 #5EC4D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC4D7
}
```

## Border

The CSS property to change the border of an element to Hex 5EC4D7 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
#5EC4D7 }
```

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

```
.border{ border-color:#5EC4D7 }
```

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

Here you see how a box with a 4 pixel #5EC4D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC4D7; -webkit-box-shadow:4px 4px  
4px 4px #5EC4D7; box-shadow:4px 4px 4px  
4px #5EC4D7 }
```

# Background

The CSS property to change the background color of an element to Hex 5EC4D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC4D7 }
```

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

```
.background{ background-color:#5EC4D7 }
```

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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