

# Converting Colors

Hex(5EA8C0)

Have a look what the booklet for  
Hex(5EA8C0) contains.

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# **Color**

**Hex(5EA8C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA8C0
RGB	94, 168, 192
RGB Percent	37%, 66%, 75%
CMY	0.6314, 0.3412, 0.2471
CMYK	0.51, 0.12, 0.00, 0.25
HSL	195°, 44%, 56%
HSV	195°, 51%, 75%
XYZ	28.1332, 34.1907, 54.9859
YIQ	148.6100, -51.8080, -8.2240

# Conversions

## Conversions Part 2

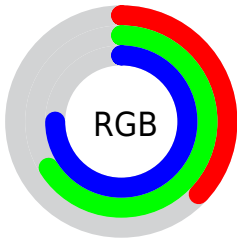
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 136, 192
Decimal	6203584
CIELab	65.11, -16.41, -19.42
CIElCh	65, 25.421, 229.799
Yxy	34.1907, 0.2398, 0.2915
Android (android.graphics.Color)	4284393664 (0xFF5EA8C0)
YUV	148.6100, 21.3913, -47.8930
Hunter-Lab	58.4728, -16.4454, -14.8233

# Details

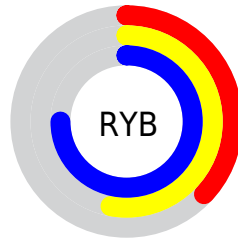
The Hex color **5EA8C0** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **C0765E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **96DFF8**, and **20748A** is the 20% darker color. If you saturate the color by 10%, you get **4BA3C0**, and if you desaturate by 10%, it is **71ADC0**.

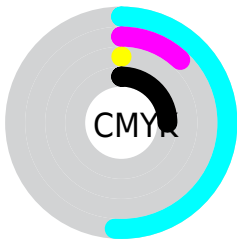
# Distribution



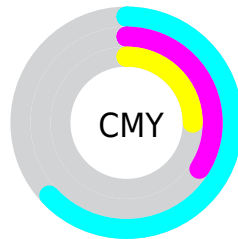
- Red (37%)
- Green (66%)
- Blue (75%)



- Red (37%)
- Yellow (53%)
- Blue (75%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (34%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA8C0 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 5EA8C0 by changing the saturation by 10% instead.



■ 5EA8C0

■ 5EA8C0

FFFFFF

■ 418EA5

■ 96DFF8

■ 20748A

■ B3FCFF

■ 005B71

■ D0FFFF

■ 004458

■ EDFFFF

■ 002D41

■ 001A2B

■ 000116

■ 000000

■ 5EA8C0

■ 5EA8C0

■ 4BA3C0

■ 71ADC0

■ 389FC0

■ 84B1C0

■ 249AC0

■ 98B6C0

■ 1195C0

■ ABBBC0

■ 0091C0

■ BEC0C0

■ D1C4C0

■ E4C9C0

■ F8CEC0

■ FFD2C0

# Harmonies

## Analogous

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



5BABAD



5EA8C0



77A3CA

# Triad

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



5EA8C0



C68EA7



9FA173

# Complementary

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



5EA8C0



C0765E

# 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.



B69A72



5EA8C0



CC8E90

# Square

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



5EA8C0



B493BC



C6937C



85A780

# Rectangle

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



5EA8C0



8C9ECB



C6937C



A79F71

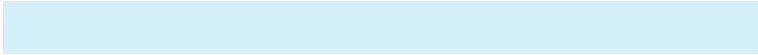


# Sweetspot

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



5EA8C0



D4F1FA



5EC075



66777D



FCFCFC



7D7D7D



# Same Dimension

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



5EA8C0



61D5FA



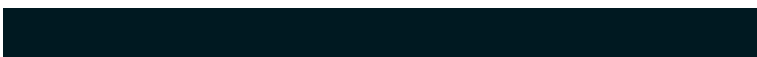
5E78C0



575F61



0079A1



001921



# Inverse Universe

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



C05EA8



FA61D5



C0A65E



61575F



A10079

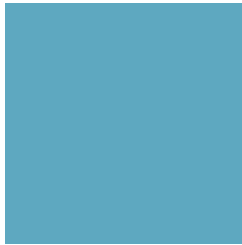


210019



# Previews

## White Background



This preview shows how the Hex color 5EA8C0 looks on a white background.

## Color Contrast Check

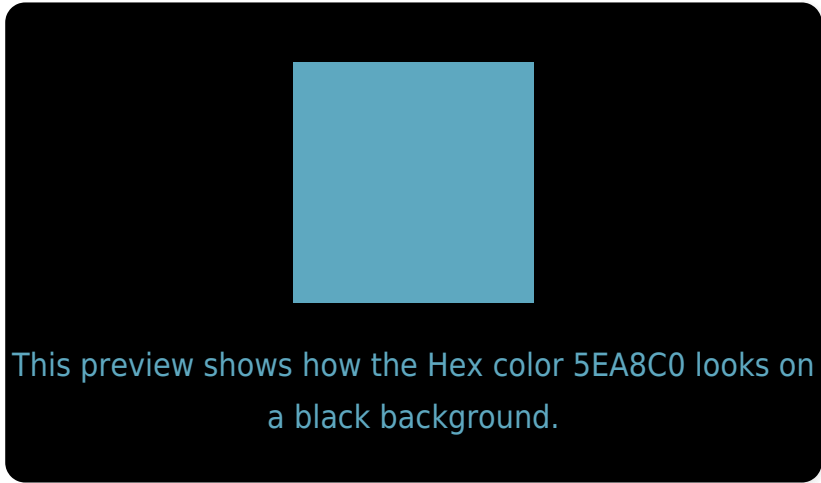
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5EA8C0 Background



This preview shows how black text looks on a background with the Hex color 5EA8C0.

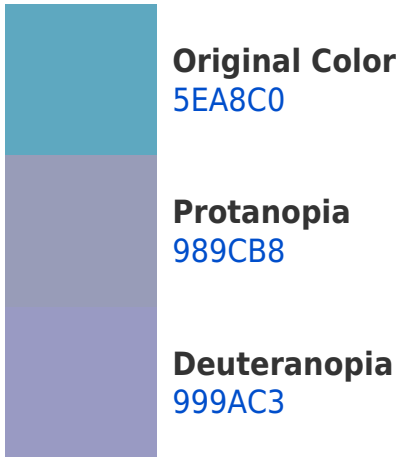


This preview shows how white text looks on a background with the Hex color 5EA8C0.

# 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](#).

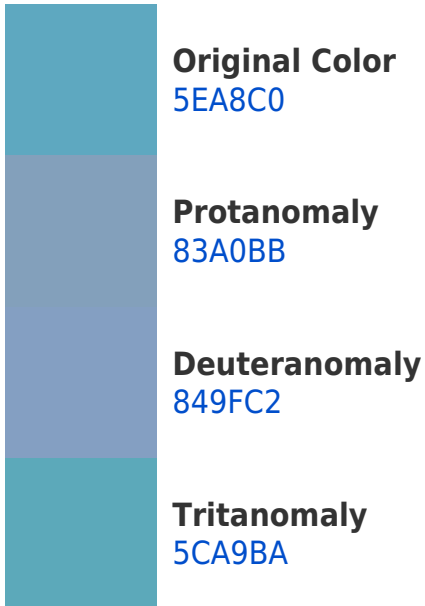
## Dichromacy



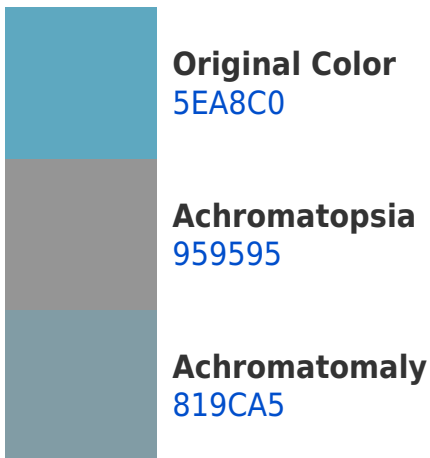


**Tritanopia**  
5BA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA8C0 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 #5EA8C0 looks like.

```
.text, #text, p{  
    color:#5EA8C0  
}
```

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 #5EA8C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA8C0  
}
```

## Border

The CSS property to change the border of an element to Hex 5EA8C0 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  
#5EA8C0 }
```

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

```
.border{ border-color:#5EA8C0 }
```

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

Here you see how a box with a 4 pixel #5EA8C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA8C0; -webkit-box-shadow:4px 4px  
4px 4px #5EA8C0; box-shadow:4px 4px 4px  
4px #5EA8C0 }
```

# Background

The CSS property to change the background color of an element to Hex 5EA8C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA8C0 }
```

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

```
.background{ background-color:#5EA8C0 }
```

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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