

# Converting Colors

Hex(5EA1C7)

Have a look what the booklet for  
Hex(5EA1C7) contains.

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# **Color**

**Hex(5EA1C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA1C7
RGB	94, 161, 199
RGB Percent	37%, 63%, 78%
CMY	0.6314, 0.3686, 0.2196
CMYK	0.53, 0.19, 0.00, 0.22
HSL	202°, 48%, 57%
HSV	202°, 53%, 78%
XYZ	27.6698, 31.9929, 58.7497
YIQ	145.2990, -52.1300, -2.3860

# Conversions

## Conversions Part 2

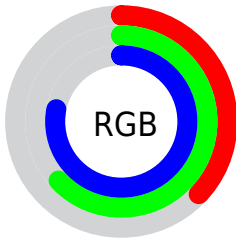
Format	Color
<b>RYB</b>	94, 135, 199
Decimal	6201799
CIELab	63.34, -10.59, -26.03
CIELCh	63, 28.105, 247.863
Yxy	31.9929, 0.2337, 0.2702
Android (android.graphics.Color)	4284391879 (0xFF5EA1C7)
YUV	145.2990, 26.4746, -44.9892
Hunter-Lab	56.5623, -11.6635, -21.9893

# Details

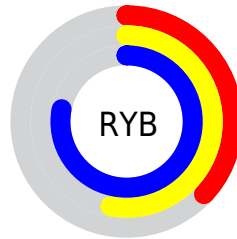
The Hex color **5EA1C7** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C7845E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **97D8FF**, and **1F6E91** is the 20% darker color. If you saturate the color by 10%, you get **4A9AC7**, and if you desaturate by 10%, it is **72A8C7**.

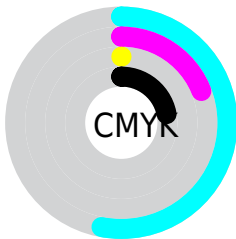
# Distribution



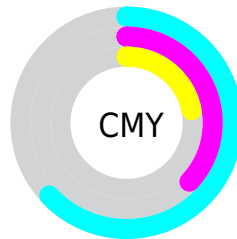
- Red (37%)
- Green (63%)
- Blue (78%)



- Red (37%)
- Yellow (53%)
- Blue (78%)



- Cyan (53%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (37%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA1C7 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 5EA1C7 by changing the saturation by 10% instead.



■ 5EA1C7

■ 5EA1C7

FFFFFF

■ 4187AC

■ 97D8FF

■ 1F6E91

■ B3F4FF

■ 005577

■ D0FFFF

■ 003E5E

■ EEEFFF

■ 002846

■ 001430

■ 00011B

■ 000000

■ 5EA1C7

■ 5EA1C7

■ 4A9AC7

■ 72A8C7

■ 3693C7

■ 86AFC7

■ 228BC7

■ 9AB7C7

■ 0E84C7

■ AEDEC7

■ 007FC7

■ C2C5C7

■ D5CCC7

■ E9D3C7

■ FDDBC7

■ FFE2C7

# Harmonies

## Analogous

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



49A6B7



5EA1C7



8299CB

# Triad

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



5EA1C7



CB8794



89A171

# Complementary

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



5EA1C7



C7845E

# 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.



A49A68



5EA1C7



C98A7C

# Square

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



5EA1C7



BF89AD



BB916C



6CA686

# Rectangle

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



5EA1C7



9A94C5



BB916C



929F6D

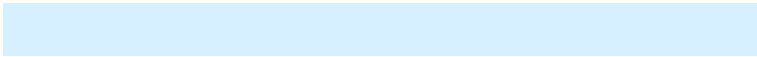


# Sweetspot

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



5EA1C7



D6F0FF



5EC783



677780



000000



808080

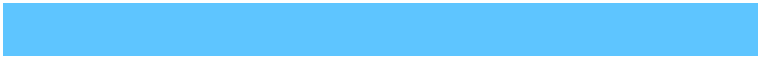


# Same Dimension

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



5EA1C7



5EC5FF



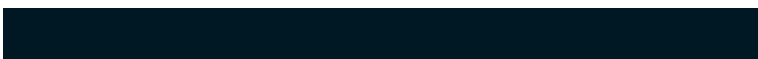
5E6EC7



5A6063



0068A3



001724



# Inverse Universe

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



C75EA1



FF5EC5



C7B75E



635A60



A30068



240017



# Previews

## White Background



This preview shows how the Hex color 5EA1C7 looks on a white background.

## Color Contrast Check

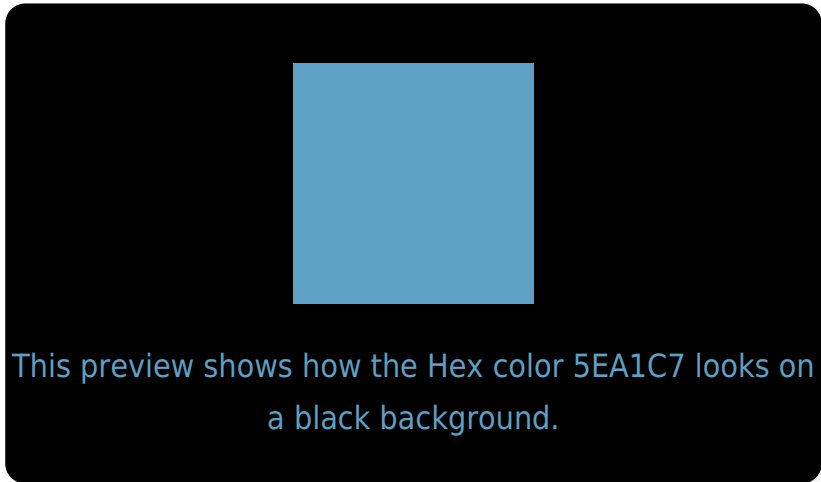
Large Text (above 18pt) WCAG AA × Fail

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

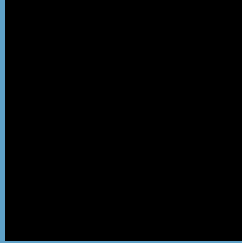
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EA1C7 Background



This preview shows how black text looks on a background with the Hex color 5EA1C7.

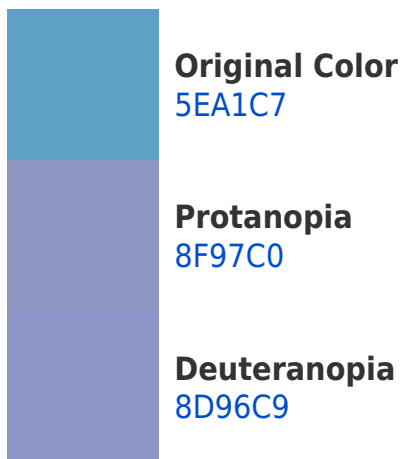


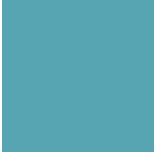
This preview shows how white text looks on a background with the Hex color 5EA1C7.

# 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](#).

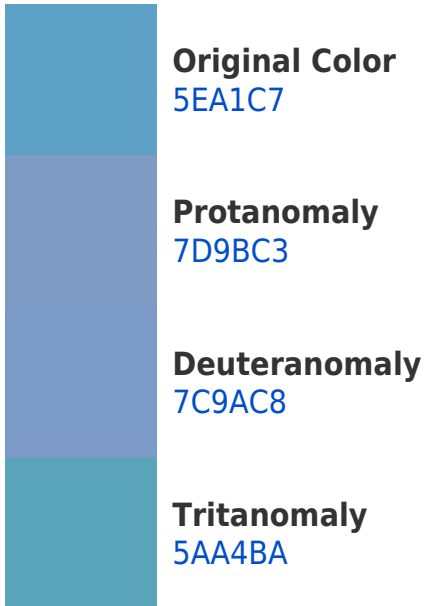
## Dichromacy



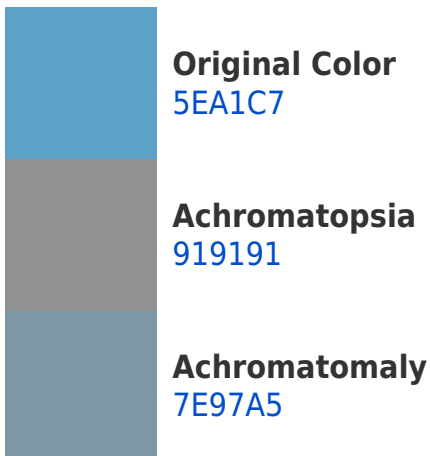


**Tritanopia**  
57A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA1C7 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 #5EA1C7 looks like.

```
.text, #text, p{  
    color:#5EA1C7  
}
```

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 #5EA1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA1C7  
}
```

## Border

The CSS property to change the border of an element to Hex 5EA1C7 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  
#5EA1C7 }
```

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

```
.border{ border-color:#5EA1C7 }
```

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

Here you see how a box with a 4 pixel #5EA1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA1C7; -webkit-box-shadow:4px 4px  
4px 4px #5EA1C7; box-shadow:4px 4px 4px  
4px #5EA1C7 }
```

# Background

The CSS property to change the background color of an element to Hex 5EA1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA1C7 }
```

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

```
.background{ background-color:#5EA1C7 }
```

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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