

# Converting Colors

Hex(5EA7E9)

Have a look what the booklet for  
Hex(5EA7E9) contains.

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# **Color**

**Hex(5EA7E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA7E9
RGB	94, 167, 233
RGB Percent	37%, 65%, 91%
CMY	0.6314, 0.3451, 0.0863
CMYK	0.60, 0.28, 0.00, 0.09
HSL	208°, 76%, 64%
HSV	208°, 60%, 91%
XYZ	33.1428, 35.9003, 82.2734
YIQ	152.6970, -64.6940, 5.0500

# Conversions

## Conversions Part 2

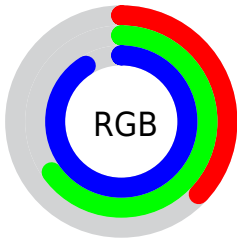
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 142, 233
Decimal	6203369
CIE Lab	66.44, -3.43, -40.02
CIE LCh	66, 40.167, 265.097
Yxy	35.9003, 0.2190, 0.2373
Android (android.graphics.Color)	4284393449 (0xFF5EA7E9)
YUV	152.6970, 39.5894, -51.4773
Hunter-Lab	59.9169, -6.1179, -39.4709

# Details

The Hex color **5EA7E9** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E9A05E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9ADEFF**, and **0D73B1** is the 20% darker color. If you saturate the color by 10%, you get **479CE9**, and if you desaturate by 10%, it is **75B2E9**.

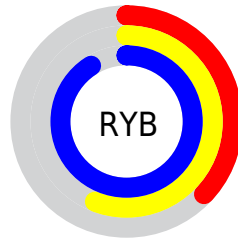
# Distribution



Red (37%)

Green (65%)

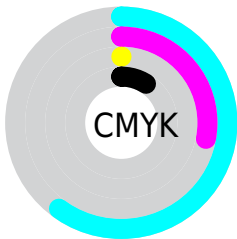
Blue (91%)



Red (37%)

Yellow (56%)

Blue (91%)

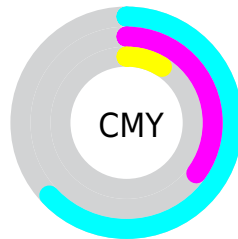


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (63%)

Magenta (35%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA7E9 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 5EA7E9 by changing the saturation by 10% instead.



 5EA7E9

 5EA7E9

FFFFFF

 3D8DCD

 9ADEFB

 0D73B1

 B8FAFF

 005B96

 D6FFFF

 00447C

 F4FFFF

 002E63

 001A4A

 000433

 00021D

 000000

■ 5EA7E9

■ 5EA7E9

■ 479CE9

■ 75B2E9

■ 2F91E9

■ 8DBDE9

■ 1886E9

■ A4C8E9

■ 017BE9

■ BBD3E9

■ 007AE9

■ D3DEE9

■ EAE9E9

■ FFF4E9

■ FFFF E9

# Harmonies

## Analogous

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



00B0DC



5EA7E9



9C9AE3

# Triad

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



5EA7E9



E78785



6FB077

# Complementary

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



5EA7E9



E9A05E

# 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.



9AA95F



5EA7E9



D99168

# Square

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



5EA7E9



E285A9



BE9D59



38B49A

# Rectangle

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



5EA7E9



BC91D5



BE9D59



7EAE6D

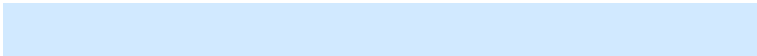


# Sweetspot

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



5EA7E9



D1E9FF



5EE99F



637280



000000



808080



# Same Dimension

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



5EA7E9



47A8FF



5E63E9



6A7075



005FB5



001C36



# Inverse Universe

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



E95EA7



FF47A8



E9E45E



756A70



B5005F



36001C



# Previews

## White Background



This preview shows how the Hex color 5EA7E9 looks on a white background.

## Color Contrast Check

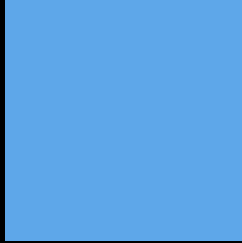
Large Text (above 18pt) WCAG AA × Fail

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 5EA7E9 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

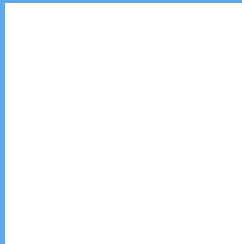
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EA7E9 Background



This preview shows how black text looks on a background with the Hex color 5EA7E9.

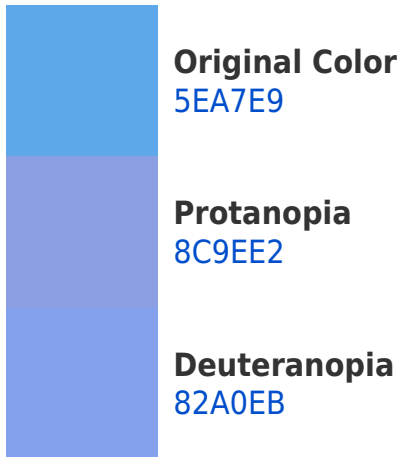


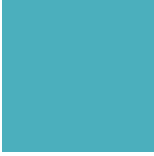
This preview shows how white text looks on a background with the Hex color 5EA7E9.

# 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](#).

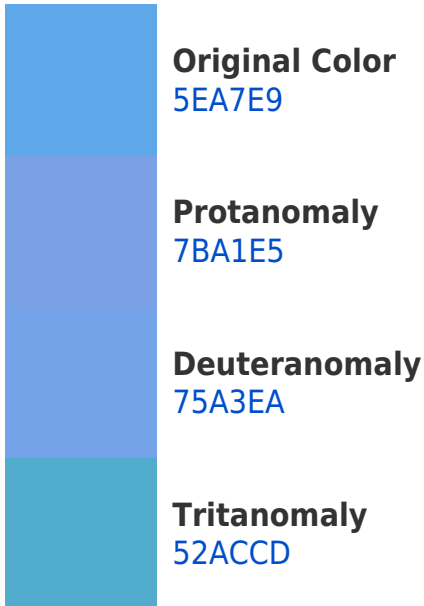
## Dichromacy



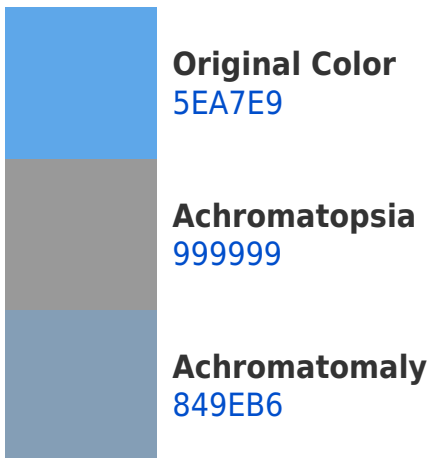


**Tritanopia**  
4BAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA7E9 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 #5EA7E9 looks like.

```
.text, #text, p{  
    color:#5EA7E9  
}
```

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 #5EA7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA7E9
}
```

## Border

The CSS property to change the border of an element to Hex 5EA7E9 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
#5EA7E9 }
```

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

```
.border{ border-color:#5EA7E9 }
```

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

Here you see how a box with a 4 pixel #5EA7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA7E9; -webkit-box-shadow:4px 4px  
4px 4px #5EA7E9; box-shadow:4px 4px 4px  
4px #5EA7E9 }
```

# Background

The CSS property to change the background color of an element to Hex 5EA7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA7E9 }
```

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

```
.background{ background-color:#5EA7E9 }
```

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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