

# Converting Colors

Hex(5BA7E3)

Have a look what the booklet for  
Hex(5BA7E3) contains.

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# **Color**

**Hex(5BA7E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5BA7E3
RGB	91, 167, 227
RGB Percent	36%, 65%, 89%
CMY	0.6431, 0.3451, 0.1098
CMYK	0.60, 0.26, 0.00, 0.11
HSL	206°, 71%, 62%
HSV	206°, 60%, 89%
XYZ	31.9982, 35.4076, 77.8209
YIQ	151.1160, -64.5560, 2.5480

# Conversions

## Conversions Part 2

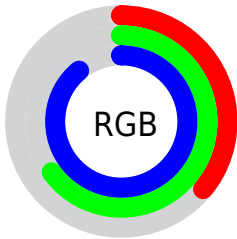
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 140, 227
Decimal	6006755
CIE <sub>Lab</sub>	66.06, -5.90, -37.33
CIE <sub>LCh</sub>	66, 37.789, 261.020
Yxy	35.4076, 0.2203, 0.2438
Android (android.graphics.Color)	4284196835 (0xFF5BA7E3)
YUV	151.1160, 37.4108, -52.7217
Hunter-Lab	59.5043, -8.1448, -35.8876

# Details

The Hex color **5BA7E3** 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 **E3975B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **97DEFF**, and **0673AB** is the 20% darker color. If you saturate the color by 10%, you get **449DE3**, and if you desaturate by 10%, it is **72B1E3**.

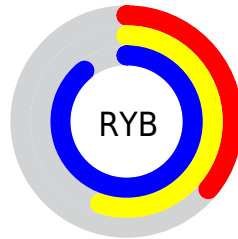
# Distribution



Red (36%)

Green (65%)

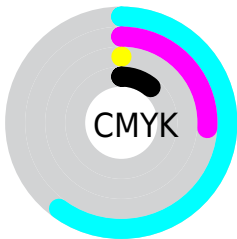
Blue (89%)



Red (36%)

Yellow (55%)

Blue (89%)

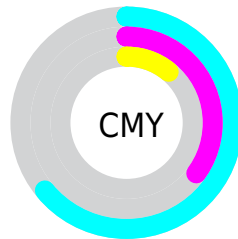


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA7E3 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 5BA7E3 by changing the saturation by 10% instead.



■ 5BA7E3

FFFFFF

■ 97DEFF

■ B4FAFF

■ D2FFFF

■ F0FFFF

■ 5BA7E3

■ 3A8DC7

■ 0673AB

■ 005B91

■ 004477

■ 002E5E

■ 001A46

■ 00042F

■ 000119

■ 000000

■ 5BA7E3

■ 5BA7E3

■ 449DE3

■ 72B1E3

■ 2E93E3

■ 88BBE3

■ 1789E3

■ 9FC5E3

■ 007FE3

■ B6CFE3

■ CDD9E3

■ E3E3E3

■ FAEDE3

■ FFF7E3

■ FFFF E3

# Harmonies

## Analogous

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



08AFD4



5BA7E3



959CE0

# Triad

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



5BA7E3



E2878A



77AE75

# Complementary

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



5BA7E3



E3975B

# 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.



9FA660



5BA7E3



D88F6D

# Square

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



5BA7E3



DB87AC



C09B5D



49B295

# Rectangle

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



5BA7E3



B493D4



C09B5D



85AC6C

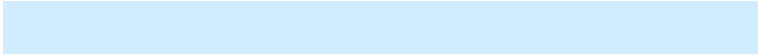


# Sweetspot

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



5BA7E3



D1EBFF



5BE396



637380



000000



808080



# Same Dimension

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



5BA7E3



47AEFF



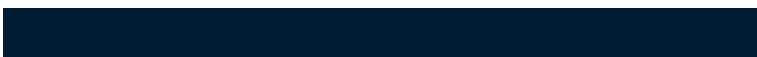
5B64E3



676E73



0064B3



001D33



# Inverse Universe

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



E35BA7



FF47AE



E3DA5B



73676E



B30064

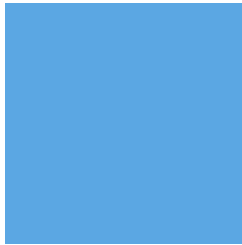


33001C



# Previews

## White Background



This preview shows how the Hex color 5BA7E3 looks on a white background.

## Color Contrast Check

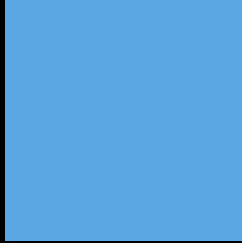
Large Text (above 18pt) WCAG AA × Fail

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 5BA7E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

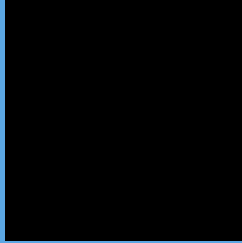
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

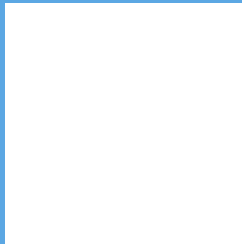
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BA7E3 Background



This preview shows how black text looks on a background with the Hex color 5BA7E3.

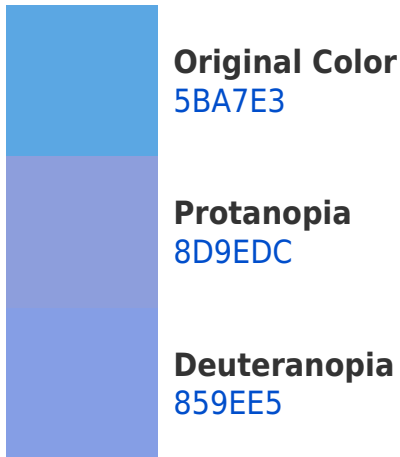


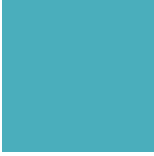
This preview shows how white text looks on a background with the Hex color 5BA7E3.

# 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](#).

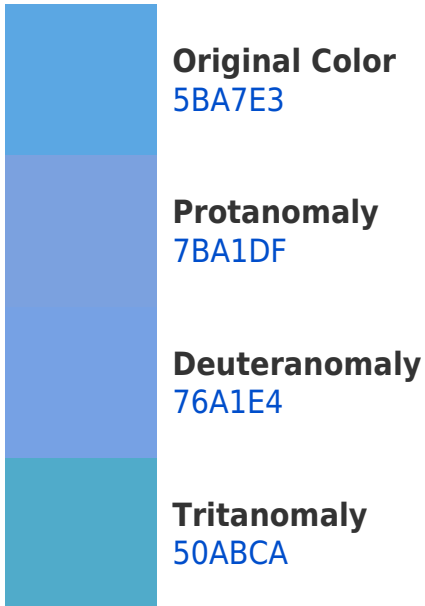
## Dichromacy



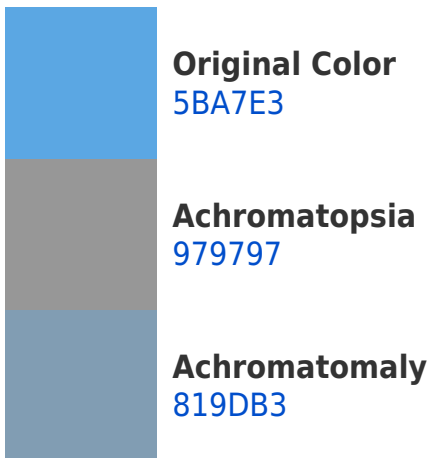


**Tritanopia**  
4AAEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA7E3 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 #5BA7E3 looks like.

```
.text, #text, p{  
    color:#5BA7E3  
}
```

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 #5BA7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA7E3
}
```

## Border

The CSS property to change the border of an element to Hex 5BA7E3 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
#5BA7E3 }
```

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

```
.border{ border-color:#5BA7E3 }
```

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

Here you see how a box with a 4 pixel #5BA7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA7E3; -webkit-box-shadow:4px 4px  
4px 4px #5BA7E3; box-shadow:4px 4px 4px  
4px #5BA7E3 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA7E3 }
```

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

```
.background{ background-color:#5BA7E3 }
```

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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