

# Converting Colors

Hex(5EA4BC)

Have a look what the booklet for  
Hex(5EA4BC) contains.

<b>Hex(5EA4BC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5EA4BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA4BC
RGB	94, 164, 188
RGB Percent	37%, 64%, 74%
CMY	0.6314, 0.3569, 0.2627
CMYK	0.50, 0.13, 0.00, 0.26
HSL	195°, 41%, 55%
HSV	195°, 50%, 74%
XYZ	26.9687, 32.5614, 52.4405
YIQ	145.8060, -49.4240, -7.3760

# Conversions

## Conversions Part 2

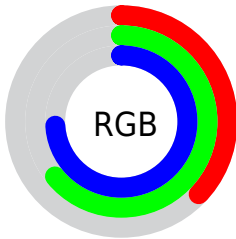
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 134, 188
Decimal	6202556
CIELab	63.80, -15.43, -19.18
CIELCh	64, 24.612, 231.186
Yxy	32.5614, 0.2409, 0.2908
Android (android.graphics.Color)	4284392636 (0xFF5EA4BC)
YUV	145.8060, 20.8016, -45.4339
Hunter-Lab	57.0626, -15.4978, -14.5436

# Details

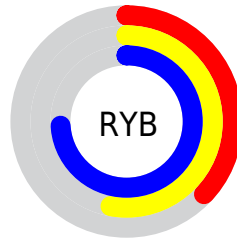
The Hex color **5EA4BC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **BC765E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **96DBF4**, and **227087** is the 20% darker color. If you saturate the color by 10%, you get **4B9FBC**, and if you desaturate by 10%, it is **71A9BC**.

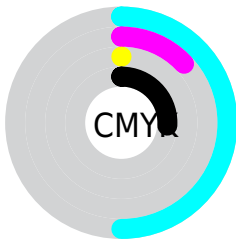
# Distribution



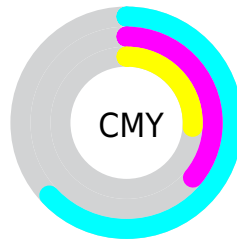
- Red (37%)
- Green (64%)
- Blue (74%)



- Red (37%)
- Yellow (53%)
- Blue (74%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (36%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA4BC 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 5EA4BC by changing the saturation by 10% instead.



■ 5EA4BC

■ 5EA4BC

FFFFFF

■ 428AA1

■ 96DBF4

■ 227087

■ B2F8FF

■ 00586D

■ CFFFFF

■ 004055

■ ECFECC

■ 002A3E

■ 001728

■ 000112

■ 000000

■ 5EA4BC

■ 5EA4BC

■ 4B9FBC

■ 71A9BC

■ 389ABC

■ 84AEBC

■ 2696BC

■ 96B2BC

■ 1391BC

■ A9B7BC

■ 008CBC

■ BCBCBC

■ CFC1BC

■ E2C6BC

■ F4CABC

■ FFCFBC

# Harmonies

## Analogous

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



5AA7AA



5EA4BC



769FC5

# Triad

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



5EA4BC



C28BA2



9A9E71

# Complementary

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



5EA4BC



BC765E

# 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.



B1976F



5EA4BC



C78B8C

# Square

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



5EA4BC



B090B6



C19079



81A37E

# Rectangle

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



5EA4BC



8B9AC5



C19079



A29C6F

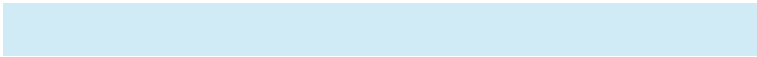


# Sweetspot

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



5EA4BC



D0EBF5



5EBC76



64757A



FAFAFA



7A7A7A



# Same Dimension

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



5EA4BC



62CFF5



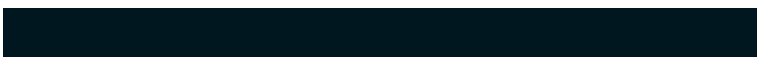
5E76BC



555C5E



00769E



00171F



# Inverse Universe

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



BC5EA4



F562CF



BCA55E



5E555C



9E0076



1F0017



# Previews

## White Background



This preview shows how the Hex color 5EA4BC looks on a white background.

## Color Contrast Check

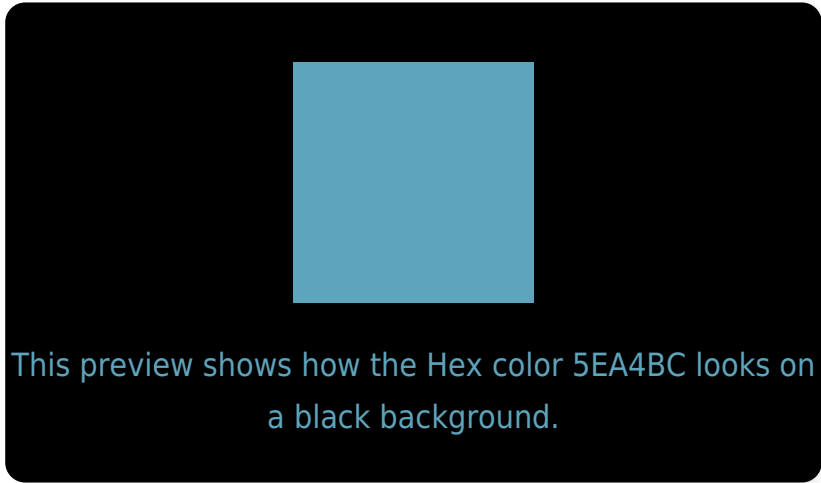
Large Text (above 18pt) WCAG AA × Fail

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

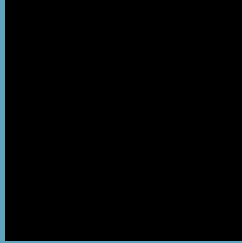
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EA4BC Background



This preview shows how black text looks on a background with the Hex color 5EA4BC.

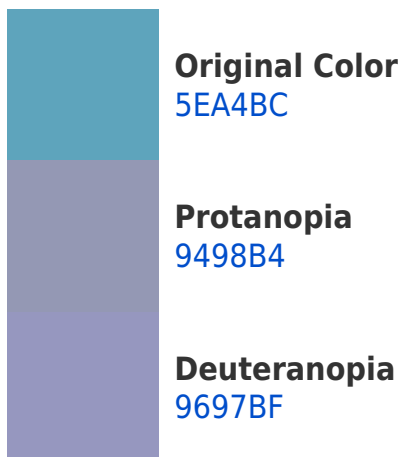


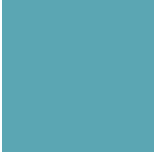
This preview shows how white text looks on a background with the Hex color 5EA4BC.

# 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](#).

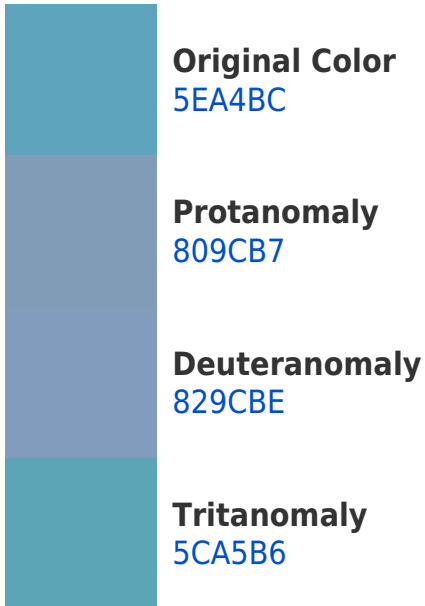
## Dichromacy



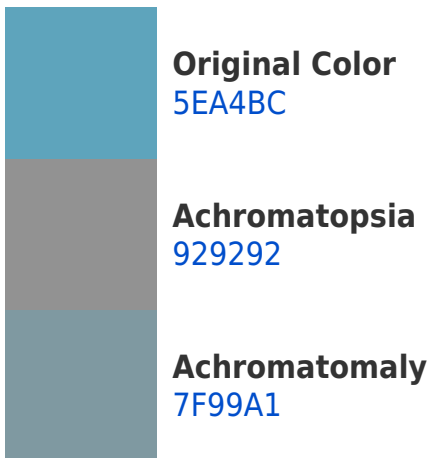


**Tritanopia**  
5BA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA4BC 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 #5EA4BC looks like.

```
.text, #text, p{  
    color:#5EA4BC  
}
```

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 #5EA4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA4BC
}
```

## Border

The CSS property to change the border of an element to Hex 5EA4BC 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
#5EA4BC }
```

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

```
.border{ border-color:#5EA4BC }
```

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

Here you see how a box with a 4 pixel #5EA4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA4BC; -webkit-box-shadow:4px 4px  
4px 4px #5EA4BC; box-shadow:4px 4px 4px  
4px #5EA4BC }
```

# Background

The CSS property to change the background color of an element to Hex 5EA4BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA4BC }
```

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

```
.background{ background-color:#5EA4BC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor