

# Converting Colors

Hex(59A3BC)

Have a look what the booklet for  
Hex(59A3BC) contains.

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**Color**

**Hex(59A3BC)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 59A3BC                      |
| RGB         | 89, 163, 188                |
| RGB Percent | 35%, 64%, 74%               |
| CMY         | 0.6510, 0.3608, 0.2627      |
| CMYK        | 0.53, 0.13, 0.00, 0.26      |
| HSL         | 195°, 42%, 54%              |
| HSV         | 195°, 53%, 74%              |
| XYZ         | 26.2941, 31.9491, 52.3579   |
| YIQ         | 143.7240, -52.1290, -7.9130 |

# Conversions

## Conversions Part 2

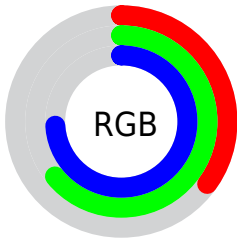
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 89, 131, 188                   |
| Decimal                             | 5874620                        |
| CIE Lab                             | 63.30, -16.02, -19.96          |
| CIE LCh                             | 63, 25.596, 231.255            |
| Yxy                                 | 31.9491, 0.2377,<br>0.2889     |
| Android<br>(android.graphics.Color) | 4284064700<br>(0xFF59A3BC)     |
| YUV                                 | 143.7240, 21.8281,<br>-47.9929 |
| Hunter-Lab                          | 56.5235, -15.8799,<br>-15.3540 |

# Details

The Hex color **59A3BC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **BC7259**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **91DAF4**, and **196F87** is the 20% darker color. If you saturate the color by 10%, you get **469EBC**, and if you desaturate by 10%, it is **6CA8BC**.

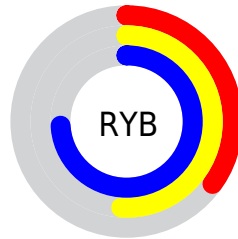
# Distribution



Red (35%)

Green (64%)

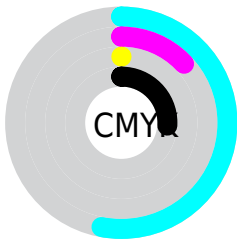
Blue (74%)



Red (35%)

Yellow (51%)

Blue (74%)

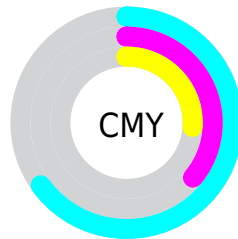


Cyan (53%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (65%)

Magenta (36%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59A3BC 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 59A3BC by changing the saturation by 10% instead.



 59A3BC

 59A3BC

FFFFFF

 3C89A1

 91DAF4

 196F87

 AEF7FF

 00576D

 CBFFFF

 003F55

 E8FFFF

 00293E

 001528

 000112

 000000

 59A3BC

 59A3BC

■ 469EBC

■ 6CA8BC

■ 339ABC

■ 7FACBC

■ 2195BC

■ 91B1BC

■ 0E90BC

■ A4B6BC

■ 008DBC

■ B7BBBC

■ CABFBC

■ DDC4BC

■ EFC9BC

■ FFCEBC

# Harmonies

## Analogous

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



54A6A9



59A3BC



739DC6

# Triad

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



59A3BC



C289A1



999D6E

# Complementary

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



59A3BC



BC7259

# 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.



B0956C



59A3BC



C7898A

# Square

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



59A3BC



B08EB6



C08E77



7FA27C

# Rectangle

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



59A3BC



8998C6



C08E77



A19B6C



# Sweetspot

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



59A3BC



CEEBF5



59BC72



63757A



FAFAFA



7A7A7A



# Same Dimension

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



59A3BC



5BCEF5



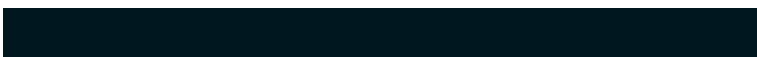
5972BC



555C5E



00769E



00171F



# Inverse Universe

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



BC59A3



F55BCE



BCA359



5E555C



9E0076



1F0017



# Previews

## White Background



This preview shows how the Hex color 59A3BC looks on a white background.

## Color Contrast Check

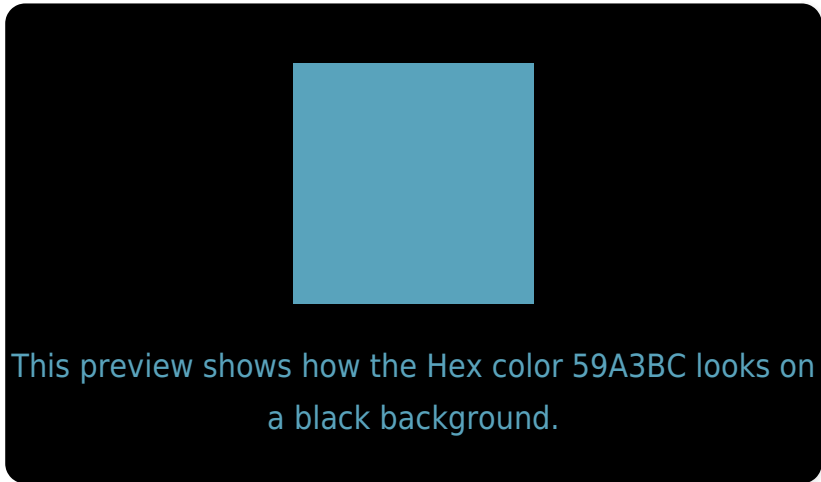
Large Text (above 18pt) WCAG AA × Fail

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

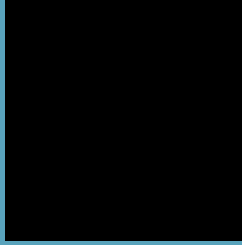
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59A3BC Background



This preview shows how black text looks on a background with the Hex color 59A3BC.



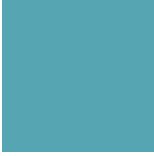
This preview shows how white text looks on a background with the Hex color 59A3BC.

# 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](#).

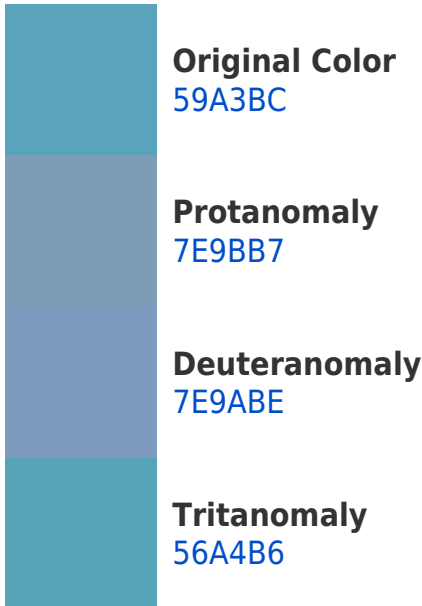
## Dichromacy



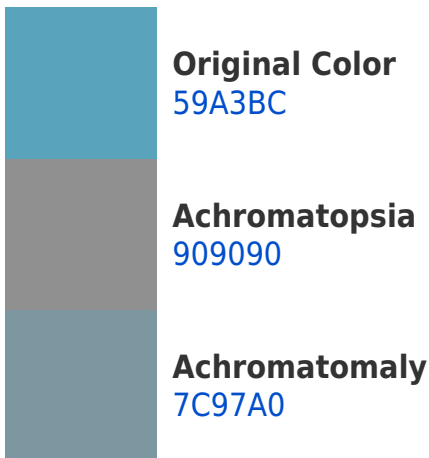


**Tritanopia**  
55A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59A3BC 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 #59A3BC looks like.

```
.text, #text, p{  
    color:#59A3BC  
}
```

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 #59A3BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A3BC
}
```

## Border

The CSS property to change the border of an element to Hex 59A3BC 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
#59A3BC }
```

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

```
.border{ border-color:#59A3BC }
```

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

Here you see how a box with a 4 pixel #59A3BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A3BC; -webkit-box-shadow:4px 4px  
4px 4px #59A3BC; box-shadow:4px 4px 4px  
4px #59A3BC }
```

# Background

The CSS property to change the background color of an element to Hex 59A3BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A3BC }
```

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

```
.background{ background-color:#59A3BC }
```

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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