

# Converting Colors

Hex(4C8CB3)

Have a look what the booklet for  
Hex(4C8CB3) contains.

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# Color

Hex(4C8CB3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C8CB3
RGB	76, 140, 179
RGB Percent	30%, 55%, 70%
CMY	0.7020, 0.4510, 0.2980
CMYK	0.58, 0.22, 0.00, 0.30
HSL	203°, 40%, 50%
HSV	203°, 58%, 70%
XYZ	20.4953, 23.5473, 46.1127
YIQ	125.3100, -50.6630, -1.4390

# Conversions

## Conversions Part 2

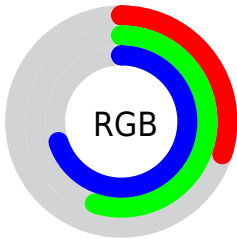
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 115, 179
Decimal	5016755
CIE <sub>Lab</sub>	55.63, -8.93, -26.69
CIE <sub>LCh</sub>	56, 28.144, 251.506
Yxy	23.5473, 0.2273, 0.2612
Android (android.graphics.Color)	4283206835 (0xFF4C8CB3)
YUV	125.3100, 26.4692, -43.2449
Hunter-Lab	48.5256, -9.5286, -22.3739

# Details

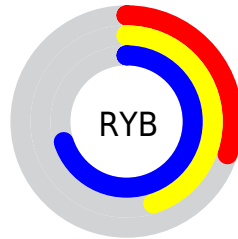
The Hex color **4C8CB3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B3734C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **84C1EB**, and **005A7E** is the 20% darker color. If you saturate the color by 10%, you get **3A85B3**, and if you desaturate by 10%, it is **5E93B3**.

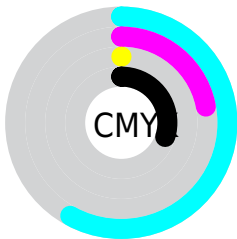
# Distribution



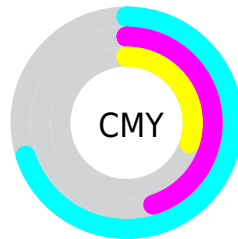
- Red (30%)
- Green (55%)
- Blue (70%)



- Red (30%)
- Yellow (45%)
- Blue (70%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (45%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C8CB3 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 4C8CB3 by changing the saturation by 10% instead.





4C8CB3



4C8CB3

FFFFFF



2E7398



84C1EB



005A7E



A1DDFF



004365



BDFAFF



002D4D



DAFFFF



001936



F8FFFF



000220



000005



000000



4C8CB3



4C8CB3

■ 3A85B3

■ 5E93B3

■ 287EB3

■ 709AB3

■ 1678B3

■ 82A0B3

■ 0471B3

■ 94A7B3

■ 006FB3

■ A5AEB3

■ B7B5B3

■ C9BBB3

■ DBC2B3

■ EDC9B3

# Harmonies

## Analogous

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



3091A5



4C8CB3



7284B5

# Triad

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



4C8CB3



B5737D



728D60

# Complementary

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



4C8CB3



B3734C

# 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.



8D8755



4C8CB3



B27766

# Square

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



4C8CB3



AC7595



A37F57



549175

# Rectangle

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



4C8CB3



8A7FAF



A37F57



7B8B5B



# Sweetspot

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



4C8CB3



C1D9E8



4CB372



5E6C75



F5F5F5



757575



# Same Dimension

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



4C8CB3



48ABE8



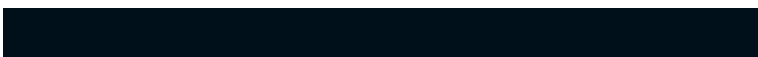
4C5AB3



505659



005F99



00101A



# Inverse Universe

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



B34C8C



E848AB



B3A54C



595056



99005F



1A0010



# Previews

## White Background



This preview shows how the Hex color 4C8CB3 looks on a white background.

## Color Contrast Check

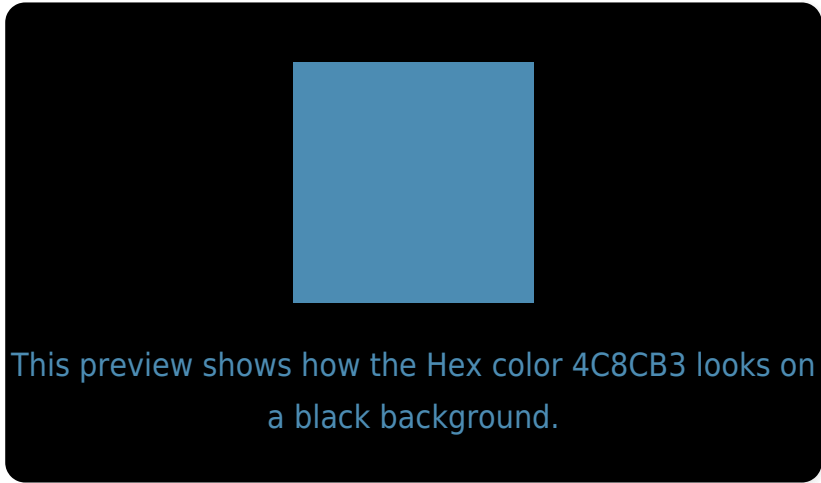
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

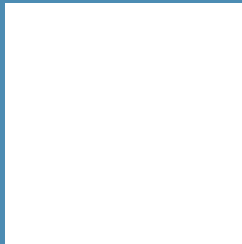
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C8CB3 Background



This preview shows how black text looks on a background with the Hex color 4C8CB3.



This preview shows how white text looks on a background with the Hex color 4C8CB3.

# 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



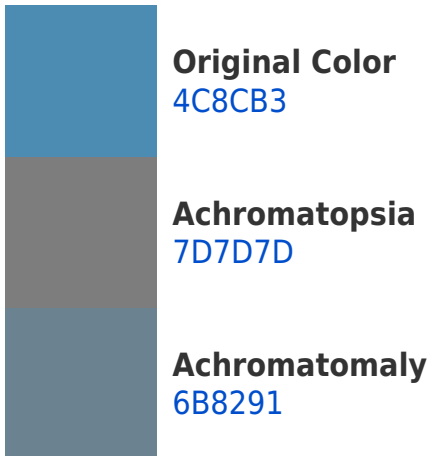


**Tritanopia**  
43909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C8CB3 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 #4C8CB3 looks like.

```
.text, #text, p{  
    color:#4C8CB3  
}
```

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 #4C8CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8CB3
}
```

## Border

The CSS property to change the border of an element to Hex 4C8CB3 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
#4C8CB3 }
```

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

```
.border{ border-color:#4C8CB3 }
```

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

Here you see how a box with a 4 pixel #4C8CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8CB3; -webkit-box-shadow:4px 4px  
4px 4px #4C8CB3; box-shadow:4px 4px 4px  
4px #4C8CB3 }
```

# Background

The CSS property to change the background color of an element to Hex 4C8CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8CB3 }
```

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

```
.background{ background-color:#4C8CB3 }
```

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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