

# Converting Colors

Hex(4CA7BC)

Have a look what the booklet for  
Hex(4CA7BC) contains.

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# Color

Hex(4CA7BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA7BC
RGB	76, 167, 188
RGB Percent	30%, 65%, 74%
CMY	0.7020, 0.3451, 0.2627
CMYK	0.60, 0.11, 0.00, 0.26
HSL	191°, 46%, 52%
HSV	191°, 60%, 74%
XYZ	25.8763, 32.8048, 52.5451
YIQ	142.1850, -60.9770, -12.7610

# Conversions

## Conversions Part 2

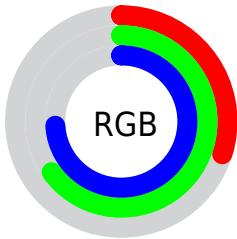
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 126, 188
Decimal	5023676
CIELab	64.00, -20.78, -18.94
CIELCh	64, 28.115, 222.349
Yxy	32.8048, 0.2326, 0.2949
Android (android.graphics.Color)	4283213756 (0xFF4CA7BC)
YUV	142.1850, 22.5868, -58.0442
Hunter-Lab	57.2755, -19.5880, -14.3004

# Details

The Hex color **4CA7BC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC614C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **87DEF4**, and **007387** is the 20% darker color. If you saturate the color by 10%, you get **39A3BC**, and if you desaturate by 10%, it is **5FABBC**.

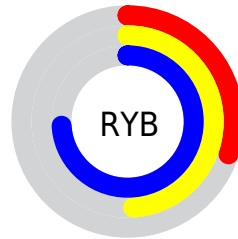
# Distribution



Red (30%)

Green (65%)

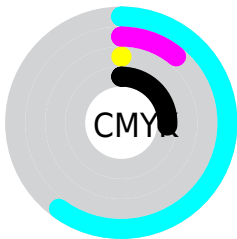
Blue (74%)



Red (30%)

Yellow (49%)

Blue (74%)

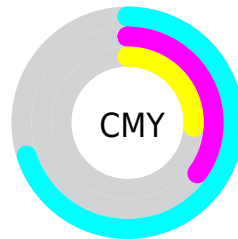


Cyan (60%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (70%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA7BC 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 4CA7BC by changing the saturation by 10% instead.



■ 4CA7BC

■ 4CA7BC

FFFFFF

■ 2B8CA1

■ 87DEF4

■ 007387

■ A4FBFF

■ 005A6D

■ C1FFFF

■ 004255

■ DEFFFF

■ 002C3E

■ FCFFFF

■ 001828

■ 000113

■ 000000

■ 4CA7BC

■ 4CA7BC

■ 39A3BC

■ 5FABBC

■ 26A0BC

■ 72AEBC

■ 149CBC

■ 84B2BC

■ 0199BC

■ 97B5BC

■ 0099BC

■ AAB9BC

■ BDBCBC

■ D0C0BC

■ E2C3BC

■ F5C7BC

# Harmonies

## Analogous

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



50A9A5



4CA7BC



65A2CA

# Triad

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



4CA7BC



C38AAB



A29D6A

# Complementary

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



4CA7BC



BC614C

# 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.



BA946C



4CA7BC



CD8891

# Square

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



4CA7BC



AC91C0



C98D7A



86A475

# Rectangle

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



4CA7BC



7D9DCD



C98D7A



AB9A69



# Sweetspot

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



4CA7BC



C9EDF5



4CBC61



5F757A



FAFAFA



7A7A7A



# Same Dimension

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



4CA7BC



47D4F5



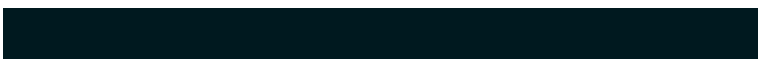
4C6FBC



555D5E



00809E



00191F



# Inverse Universe

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



BC4CA7



F547D4



BC994C



5E555D



9E0080



1F0019



# Previews

## White Background



This preview shows how the Hex color 4CA7BC looks on a white background.

## Color Contrast Check

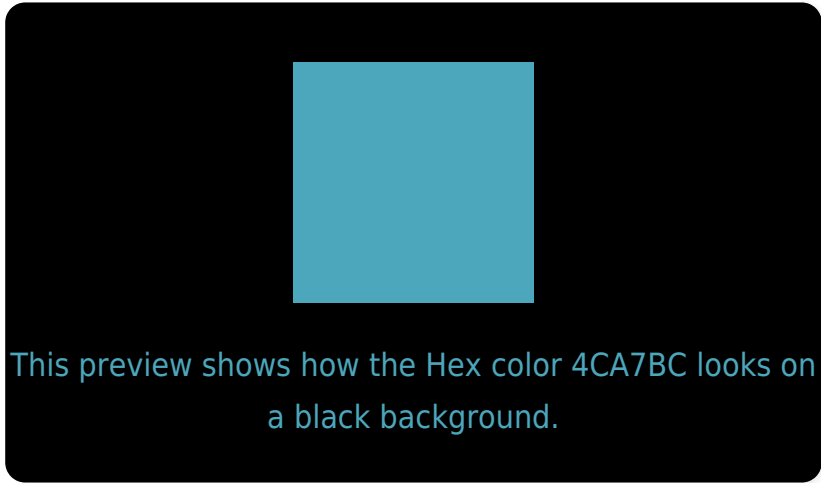
Large Text (above 18pt) WCAG AA × Fail

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

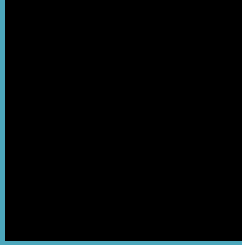
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CA7BC Background



This preview shows how black text looks on a background with the Hex color 4CA7BC.



This preview shows how white text looks on a background with the Hex color 4CA7BC.

# 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](#).

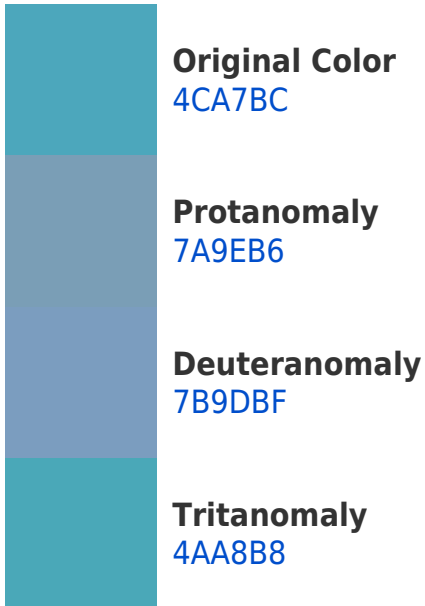
## Dichromacy



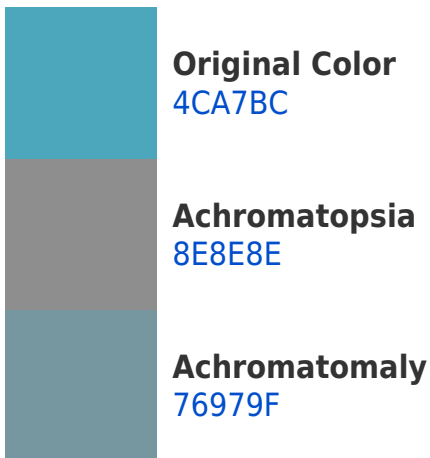


**Tritanopia**  
49A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA7BC 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 #4CA7BC looks like.

```
.text, #text, p{  
    color:#4CA7BC  
}
```

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 #4CA7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA7BC
}
```

## Border

The CSS property to change the border of an element to Hex 4CA7BC 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
#4CA7BC }
```

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

```
.border{ border-color:#4CA7BC }
```

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

Here you see how a box with a 4 pixel #4CA7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA7BC; -webkit-box-shadow:4px 4px  
4px 4px #4CA7BC; box-shadow:4px 4px 4px  
4px #4CA7BC }
```

# Background

The CSS property to change the background color of an element to Hex 4CA7BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA7BC }
```

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

```
.background{ background-color:#4CA7BC }
```

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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