

# Converting Colors

Hex(4CA7B9)

Have a look what the booklet for  
Hex(4CA7B9) contains.

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# Color

**Hex(4CA7B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA7B9
RGB	76, 167, 185
RGB Percent	30%, 65%, 73%
CMY	0.7020, 0.3451, 0.2745
CMYK	0.59, 0.10, 0.00, 0.27
HSL	190°, 44%, 51%
HSV	190°, 59%, 73%
XYZ	25.5562, 32.6767, 50.8592
YIQ	141.8430, -60.0140, -13.6940

# Conversions

## Conversions Part 2

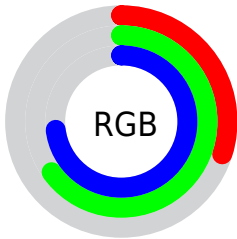
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	76, 126, 185
Decimal	5023673
CIE <sub>Lab</sub>	63.90, -21.67, -17.42
CIE <sub>LCh</sub>	64, 27.807, 218.798
Yxy	32.6767, 0.2343, 0.2995
Android (android.graphics.Color)	4283213753 (0xFF4CA7B9)
YUV	141.8430, 21.2764, -57.7443
Hunter-Lab	57.1636, -20.2340, -12.7367

# Details

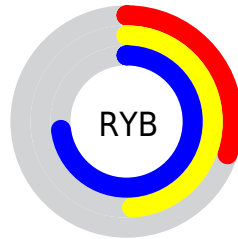
The Hex color **4CA7B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B95E4C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **86DEF1**, and **007384** is the 20% darker color. If you saturate the color by 10%, you get **3AA4B9**, and if you desaturate by 10%, it is **5FAAB9**.

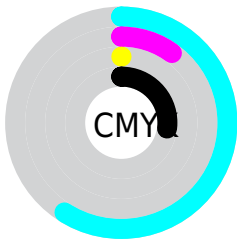
# Distribution



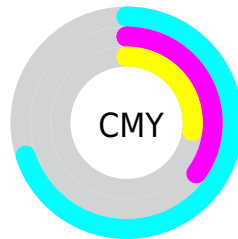
- Red (30%)
- Green (65%)
- Blue (73%)



- Red (30%)
- Yellow (49%)
- Blue (73%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (35%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA7B9 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 4CA7B9 by changing the saturation by 10% instead.



 4CA7B9

 4CA7B9

FFFFFF

 2B8C9E

 86DEF1

 007384

 A3FBFF

 005A6B

 C0FFFF

 004252

 DEFFFF

 002C3B

 FCFFFF

 001826

 000110

 000000

 4CA7B9

 4CA7B9

3AA4B9

5FAAB9

27A1B9

71ADB9

149EB9

84B0B9

029BB9

96B3B9

009AB9

A9B6B9

BBB9B9

CDBCB9

E0BFB9

F3C2B9

# Harmonies

## Analogous

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



54A9A1



4CA7B9



62A2C8

# Triad

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



4CA7B9



C08BAD



A59C6A

# Complementary

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



4CA7B9



B95E4C

# 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.



BC936D



4CA7B9



CC8894

# Square

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



4CA7B9



A892C1



CA8C7D



8AA374

# Rectangle

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



4CA7B9



799DCC



CA8C7D



AD9969

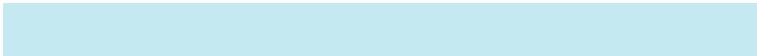


# Sweetspot

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



4CA7B9



C5E9F0



4CB95C



5D7378



F7F7F7



787878



# Same Dimension

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



4CA7B9



46D4F0



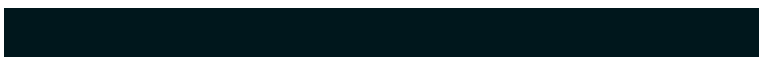
4C72B9



535A5C



00829C



00171C



# Inverse Universe

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



B94CA7



F046D4



B9934C



5C535A



9C0082

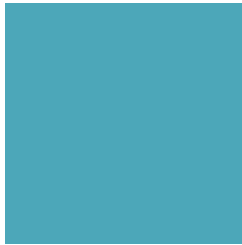


1C0017



# Previews

## White Background



This preview shows how the Hex color 4CA7B9 looks on a white background.

## Color Contrast Check

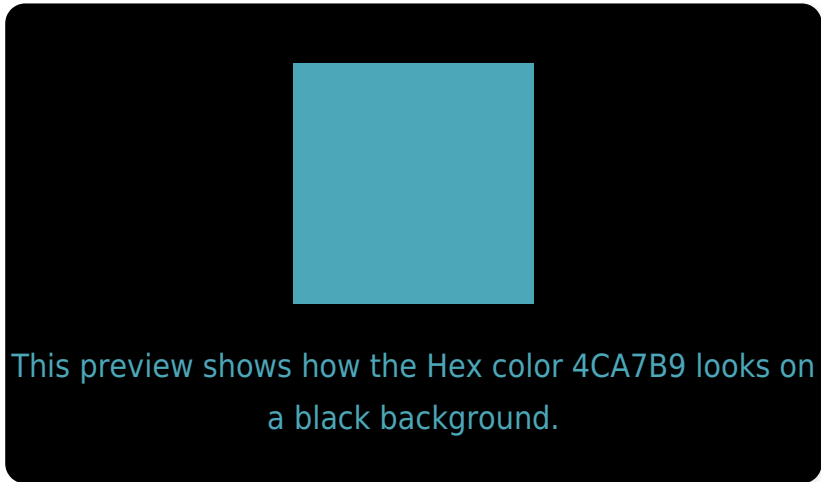
Large Text (above 18pt) WCAG AA × Fail

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

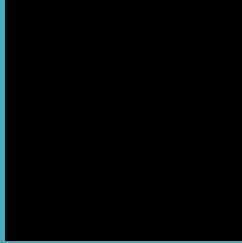
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CA7B9 Background



This preview shows how black text looks on a background with the Hex color 4CA7B9.

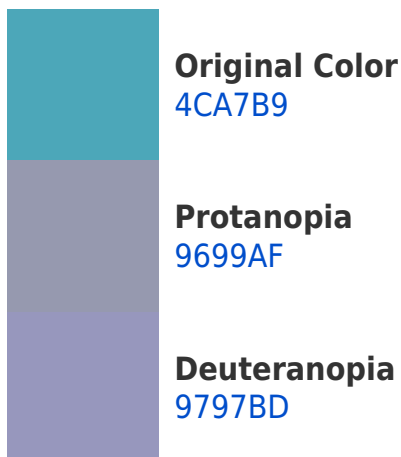


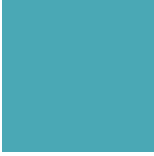
This preview shows how white text looks on a background with the Hex color 4CA7B9.

# 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](#).

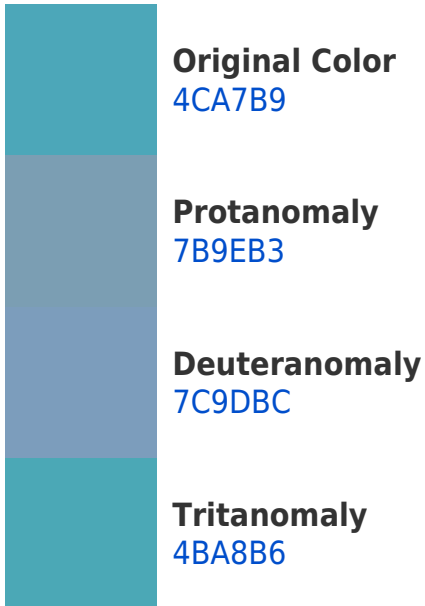
## Dichromacy





**Tritanopia**  
4AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA7B9 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 #4CA7B9 looks like.

```
.text, #text, p{  
    color:#4CA7B9  
}
```

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 #4CA7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA7B9
}
```

## Border

The CSS property to change the border of an element to Hex 4CA7B9 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
#4CA7B9 }
```

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

```
.border{ border-color:#4CA7B9 }
```

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

Here you see how a box with a 4 pixel #4CA7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA7B9; -webkit-box-shadow:4px 4px  
4px 4px #4CA7B9; box-shadow:4px 4px 4px  
4px #4CA7B9 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA7B9 }
```

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

```
.background{ background-color:#4CA7B9 }
```

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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