

# Converting Colors

Hex(4B9AC2)

Have a look what the booklet for  
Hex(4B9AC2) contains.

<b>Hex(4B9AC2)</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(4B9AC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B9AC2
RGB	75, 154, 194
RGB Percent	29%, 60%, 76%
CMY	0.7059, 0.3961, 0.2392
CMYK	0.61, 0.21, 0.00, 0.24
HSL	200°, 49%, 53%
HSV	200°, 61%, 76%
XYZ	24.1949, 28.5021, 55.2652
YIQ	134.9390, -59.9240, -4.3080

# Conversions

## Conversions Part 2

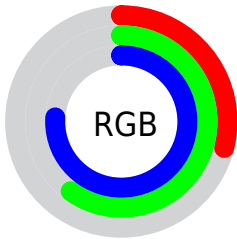
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 122, 194
Decimal	4954818
CIELab	60.34, -12.17, -27.92
CIElCh	60, 30.453, 246.449
Yxy	28.5021, 0.2241, 0.2640
Android (android.graphics.Color)	4283144898 (0xFF4B9AC2)
YUV	134.9390, 29.1171, -52.5665
Hunter-Lab	53.3874, -12.5327, -24.0043

# Details

The Hex color **4B9AC2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C2734B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **86D0FB**, and **00678C** is the 20% darker color. If you saturate the color by 10%, you get **3893C2**, and if you desaturate by 10%, it is **5EA1C2**.

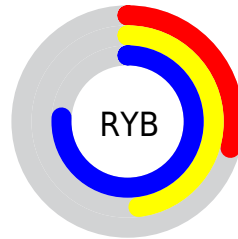
# Distribution



Red (29%)

Green (60%)

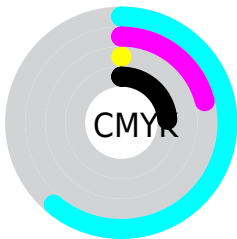
Blue (76%)



Red (29%)

Yellow (48%)

Blue (76%)

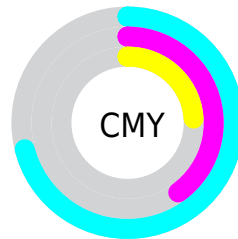


Cyan (61%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (40%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B9AC2 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 4B9AC2 by changing the saturation by 10% instead.





4B9AC2



4B9AC2

FFFFFF



2980A7



86D0FB



00678C



A3EDFF



004F73



C0FFFF



00385A



DDFFFF



002342



FBFFFF



00062C



000117



000000



4B9AC2



4B9AC2

■ 3893C2

■ 5EA1C2

■ 248DC2

■ 72A7C2

■ 1186C2

■ 85AEC2

■ 0081C2

■ 99B4C2

■ ACBBC2

■ BFC1C2

■ D3C8C2

■ E6CEC2

■ FAD5C2

# Harmonies

## Analogous

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



319FB0



4B9AC2



7692C6

# Triad

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



4B9AC2



C67D8D



819965

# Complementary

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



4B9AC2



C2734B

# 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.



9E925C



4B9AC2



C48073

# Square

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



4B9AC2



B880A7



B68961



619E7B

# Rectangle

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



4B9AC2



908CC1



B68961



8B9761

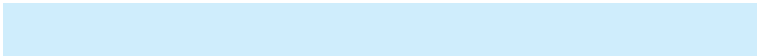


# Sweetspot

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



4B9AC2



CFEDFC



4BC273



637680



000000



808080



# Same Dimension

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



4B9AC2



42BEFC



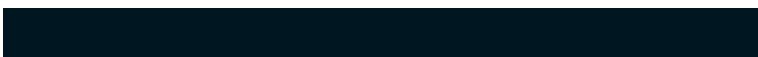
4B5FC2



575E61



006BA1



001621



# Inverse Universe

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



C24B9A



FC42BE



C2AE4B



61575E



A1006B

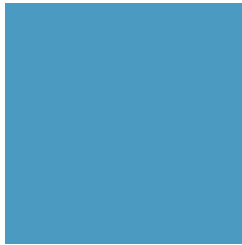


210016



# Previews

## White Background



This preview shows how the Hex color 4B9AC2 looks on a white background.

## Color Contrast Check

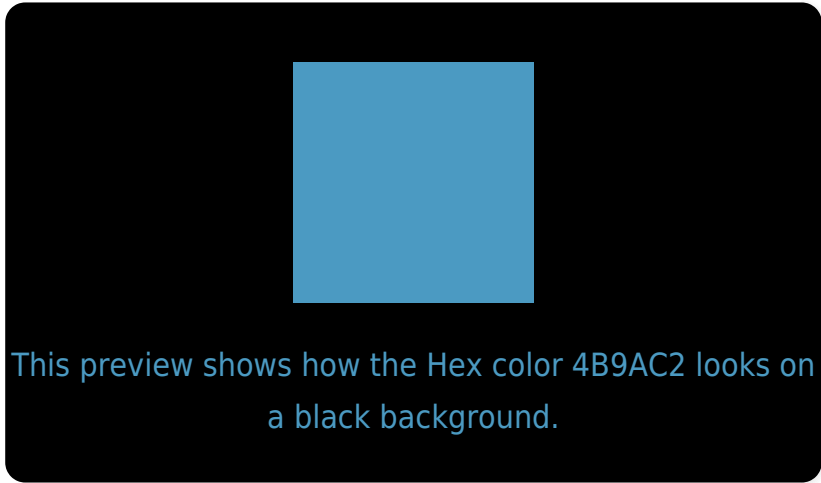
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B9AC2 Background



This preview shows how black text looks on a background with the Hex color 4B9AC2.

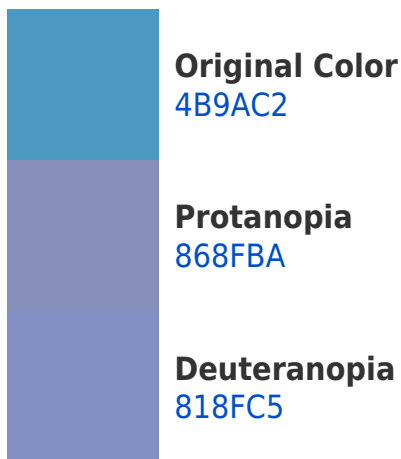


This preview shows how white text looks on a background with the Hex color 4B9AC2.

# 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](#).

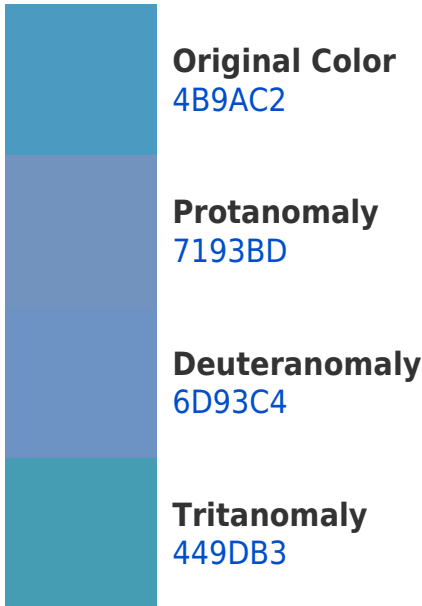
## Dichromacy





**Tritanopia**  
409EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B9AC2 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 #4B9AC2 looks like.

```
.text, #text, p{  
    color:#4B9AC2  
}
```

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 #4B9AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9AC2
}
```

## Border

The CSS property to change the border of an element to Hex 4B9AC2 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
#4B9AC2 }
```

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

```
.border{ border-color:#4B9AC2 }
```

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

Here you see how a box with a 4 pixel #4B9AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9AC2; -webkit-box-shadow:4px 4px  
4px 4px #4B9AC2; box-shadow:4px 4px 4px  
4px #4B9AC2 }
```

# Background

The CSS property to change the background color of an element to Hex 4B9AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9AC2 }
```

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

```
.background{ background-color:#4B9AC2 }
```

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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