

# Converting Colors

Hex(4B94C0)

Have a look what the booklet for  
Hex(4B94C0) contains.

<b>Hex(4B94C0)</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(4B94C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B94C0
RGB	75, 148, 192
RGB Percent	29%, 58%, 75%
CMY	0.7059, 0.4196, 0.2471
CMYK	0.61, 0.23, 0.00, 0.25
HSL	203°, 48%, 52%
HSV	203°, 61%, 75%
XYZ	23.0060, 26.4814, 53.7681
YIQ	131.1890, -57.6320, -1.7920

# Conversions

## Conversions Part 2

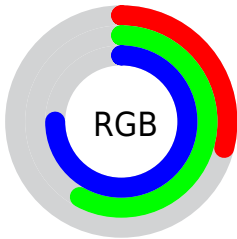
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 120, 192
Decimal	4953280
CIE <sub>Lab</sub>	58.49, -9.48, -29.65
CIE <sub>LCh</sub>	58, 31.128, 252.272
Yxy	26.4814, 0.2228, 0.2565
Android (android.graphics.Color)	4283143360 (0xFF4B94C0)
YUV	131.1890, 29.9798, -49.2778
Hunter-Lab	51.4601, -10.2542, -25.9270

# Details

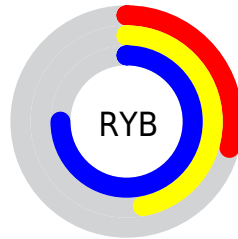
The Hex color **4B94C0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C0774B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **85CAF9**, and **00618A** is the 20% darker color. If you saturate the color by 10%, you get **388DC0**, and if you desaturate by 10%, it is **5E9BC0**.

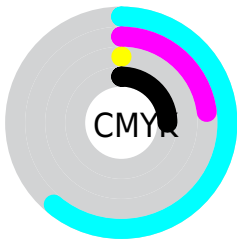
# Distribution



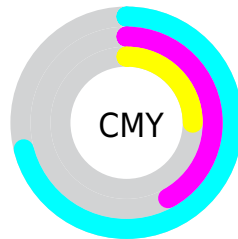
- Red (29%)
- Green (58%)
- Blue (75%)



- Red (29%)
- Yellow (47%)
- Blue (75%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (42%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B94C0 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 4B94C0 by changing the saturation by 10% instead.



■ 4B94C0

■ 4B94C0

FFFFFF

■ 2A7AA5

■ 85CAF9

■ 00618A

■ A2E6FF

■ 004A71

■ BFFFFF

■ 003358

■ DDDFFF

■ 001E40

■ FAFFFF

■ 00032A

■ 000115

■ 000000

■ 4B94C0

■ 4B94C0

■ 388DC0

■ 5E9BC0

■ 2586C0

■ 71A2C0

■ 117EC0

■ 85AAC0

■ 0078C0

■ 98B1C0

■ ABB8C0

■ BEBFC0

■ D1C7C0

■ E5CEC0

■ F8D5C0

# Harmonies

## Analogous

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



2699B0



4B94C0



788BC2

# Triad

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



4B94C0



C27882



769663

# Complementary

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



4B94C0



C0774B

# 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.



948F57



4B94C0



BE7D69

# Square

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



4B94C0



B87A9E



AD8559



549A7B

# Rectangle

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



4B94C0



9385BB



AD8559



80945E

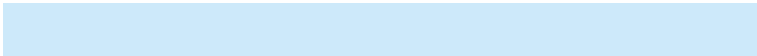


# Sweetspot

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



4B94C0



CDE9FA



4BC076



61737D



FCFCFC



7D7D7D



# Same Dimension

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



4B94C0



43B5FA



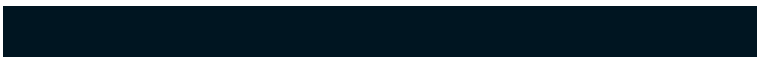
4B5BC0



575D61



0064A1



001521



# Inverse Universe

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



C04B94



FA43B5



C0B04B



61575D



A10064



210015



# Previews

## White Background



This preview shows how the Hex color 4B94C0 looks on a white background.

## Color Contrast Check

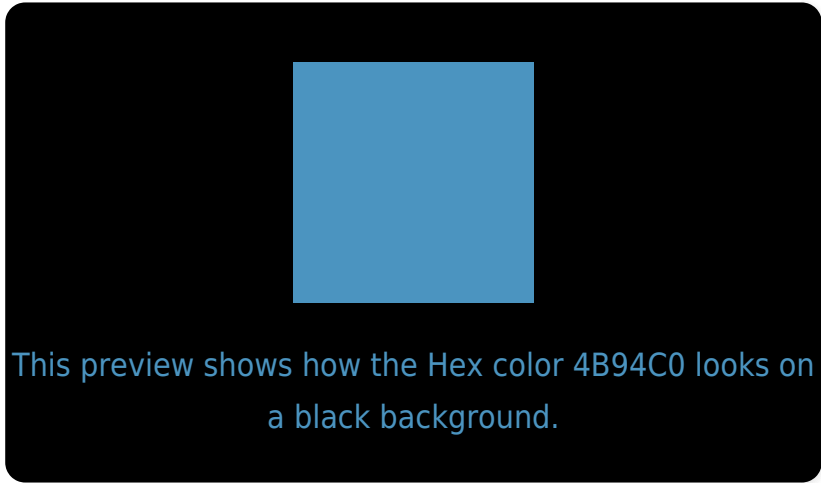
Large Text (above 18pt) WCAG AA ✓ Pass

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

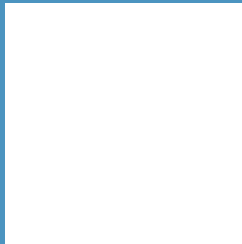
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B94C0 Background



This preview shows how black text looks on a background with the Hex color 4B94C0.

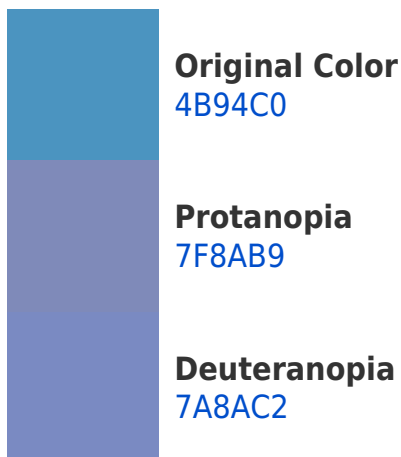


This preview shows how white text looks on a background with the Hex color 4B94C0.

# 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](#).

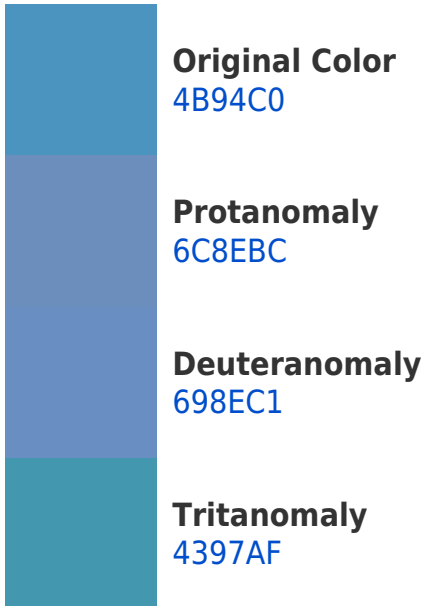
## Dichromacy



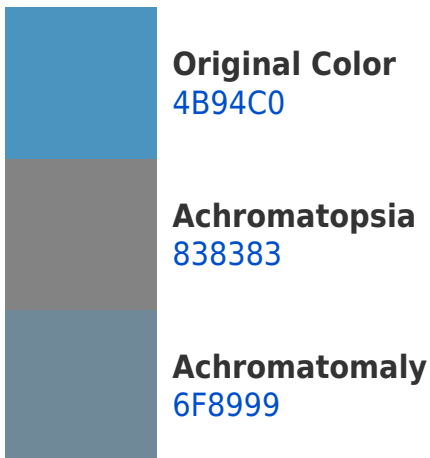


**Tritanopia**  
3F99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B94C0 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 #4B94C0 looks like.

```
.text, #text, p{  
    color:#4B94C0  
}
```

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 #4B94C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B94C0
}
```

## Border

The CSS property to change the border of an element to Hex 4B94C0 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
#4B94C0 }
```

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

```
.border{ border-color:#4B94C0 }
```

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

Here you see how a box with a 4 pixel #4B94C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B94C0; -webkit-box-shadow:4px 4px  
4px 4px #4B94C0; box-shadow:4px 4px 4px  
4px #4B94C0 }
```

# Background

The CSS property to change the background color of an element to Hex 4B94C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B94C0 }
```

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

```
.background{ background-color:#4B94C0 }
```

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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