

Converting Colors

Hex(4B98BF)

Have a look what the booklet for
Hex(4B98BF) contains.

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Color

Hex(4B98BF)

Conversions

Conversions Part 1

Format	Color
Hex	4B98BF
RGB	75, 152, 191
RGB Percent	29%, 60%, 75%
CMY	0.7059, 0.4039, 0.2510
CMYK	0.61, 0.20, 0.00, 0.25
HSL	200°, 48%, 52%
HSV	200°, 61%, 75%
XYZ	23.5339, 27.7139, 53.3992
YIQ	133.4230, -58.4110, -4.1950

Conversions

Conversions Part 2

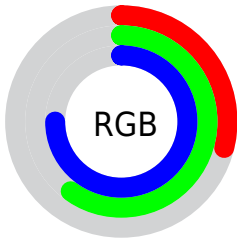
Format	Color
R_{YB}	75, 121, 191
Decimal	4954303
CIE _{Lab}	59.63, -12.02, -27.32
CIE _{LCh}	60, 29.851, 246.258
Yxy	27.7139, 0.2249, 0.2648
Android (android.graphics.Color)	4283144383 (0xFF4B98BF)
YUV	133.4230, 28.3855, -51.2370
Hunter-Lab	52.6440, -12.3308, -23.2897

Details

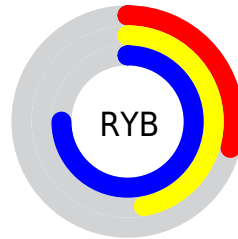
The Hex color **4B98BF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF724B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **85CEF7**, and **006589** is the 20% darker color. If you saturate the color by 10%, you get **3892BF**, and if you desaturate by 10%, it is **5E9EBF**.

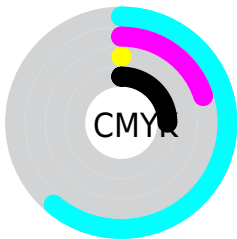
Distribution



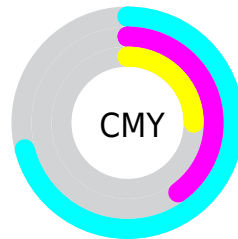
- Red (29%)
- Green (60%)
- Blue (75%)



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



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B98BF 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 4B98BF by changing the saturation by 10% instead.

■ 4B98BF

■ 4B98BF

FFFFFF

■ 2A7EA4

■ 85CEF7

■ 006589

■ A2E AFF

■ 004D70

■ BFFFFFF

■ 003657

■ D DFFFF

■ 002140

■ F AFFFF

■ 00032A

■ 000114

■ 000000

■ 4B98BF

■ 4B98BF

■ 3892BF

■ 5E9EBF

■ 258BBF

■ 71A5BF

■ 1285BF

■ 84ABBF

■ 007FBF

■ 97B2BF

■ ABB8BF

■ BEBFBF

■ D1C5BF

■ E4CBBF

■ F7D2BF

Harmonies

Analogous

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



329DAE



4B98BF



7490C3

Triad

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



4B98BF



C37C8B



809765

Complementary

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



4B98BF



BF724B

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.



9C905B



4B98BF



C17F72

Square

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



4B98BF



B57FA5



B38760



609C7A

Rectangle

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



4B98BF



8E8ABF



B38760



8A9560

Sweetspot

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



4B98BF



CBE8F7



4BBF72



61747D



FCFCFC



7D7D7D

Same Dimension

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



4B98BF



43BBF7



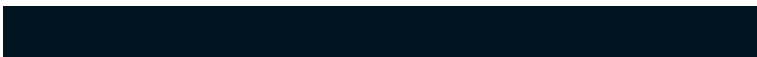
4B5EBF



555B5E



00699E



00141F

Inverse Universe

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



BF4B98



F743BB



BFAC4B



5E555B



9E0069



1F0014

Previews

White Background



This preview shows how the Hex color 4B98BF looks on a white background.

Color Contrast Check

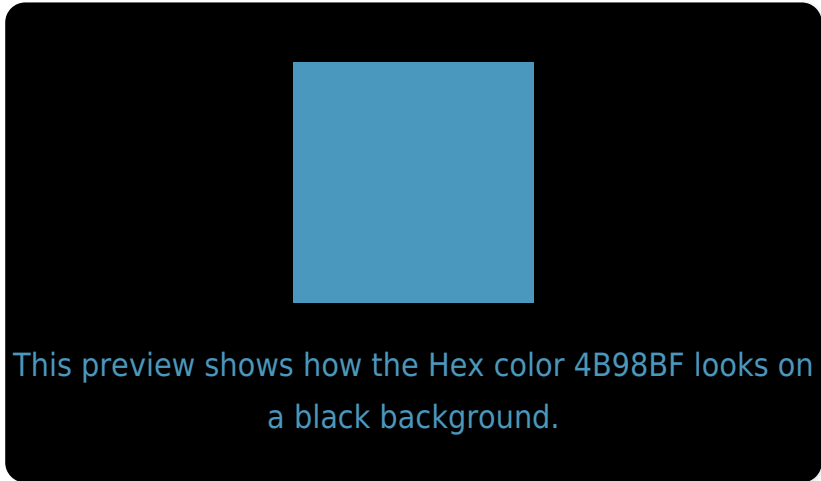
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B98BF Background



This preview shows how black text looks on a background with the Hex color 4B98BF.



This preview shows how white text looks on a background with the Hex color 4B98BF.

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](#).

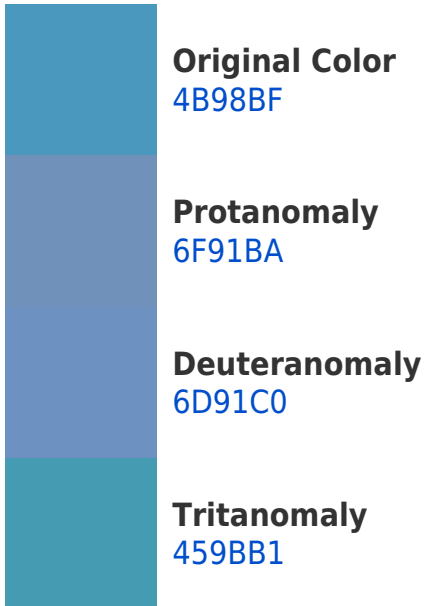
Dichromacy





Tritanopia
419CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B98BF 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 #4B98BF looks like.

```
.text, #text, p{  
    color:#4B98BF  
}
```

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 #4B98BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B98BF
}
```

Border

The CSS property to change the border of an element to Hex 4B98BF 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
#4B98BF }
```

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

```
.border{ border-color:#4B98BF }
```

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

Here you see how a box with a 4 pixel #4B98BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B98BF; -webkit-box-shadow:4px 4px  
4px 4px #4B98BF; box-shadow:4px 4px 4px  
4px #4B98BF }
```

Background

The CSS property to change the background color of an element to Hex 4B98BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B98BF }
```

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

```
.background{ background-color:#4B98BF }
```

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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