

# Converting Colors

Hex(4B7BAE)

Have a look what the booklet for  
Hex(4B7BAE) contains.

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# Color

**Hex(4B7BAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7BAE
RGB	75, 123, 174
RGB Percent	29%, 48%, 68%
CMY	0.7059, 0.5176, 0.3176
CMYK	0.57, 0.29, 0.00, 0.32
HSL	211°, 40%, 49%
HSV	211°, 57%, 68%
XYZ	17.6246, 18.7178, 42.7284
YIQ	114.4620, -44.9790, 5.6850

# Conversions

## Conversions Part 2

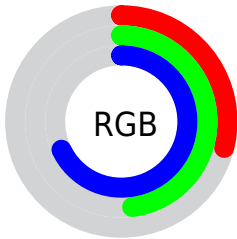
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 107, 174
Decimal	4946862
CIE <sub>Lab</sub>	50.36, -0.89, -32.02
CIE <sub>LCh</sub>	50, 32.032, 268.403
Yxy	18.7178, 0.2229, 0.2367
Android (android.graphics.Color)	4283136942 (0xFF4B7BAE)
YUV	114.4620, 29.3522, -34.6082
Hunter-Lab	43.2640, -2.9960, -28.2711

# Details

The Hex color **4B7BAE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AE7E4B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **83AFE6**, and **024B79** is the 20% darker color. If you saturate the color by 10%, you get **3A72AE**, and if you desaturate by 10%, it is **5C84AE**.

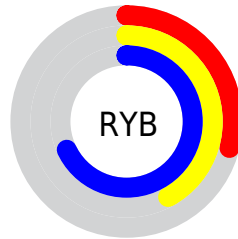
# Distribution



Red (29%)

Green (48%)

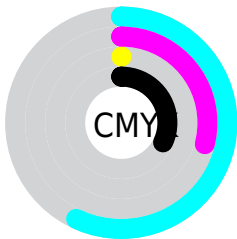
Blue (68%)



Red (29%)

Yellow (42%)

Blue (68%)

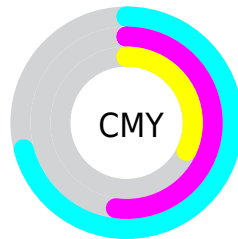


Cyan (57%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (52%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7BAE 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 4B7BAE by changing the saturation by 10% instead.



■ 4B7BAE

■ 4B7BAE

FFFFFF

■ 2D6293

■ 83AFE6

■ 024B79

■ 9FCBFF

■ 003460

■ BBE7FF

■ 002048

■ D8FFFF

■ 000632

■ F5FFFF

■ 00011C

■ 000000

■ 4B7BAE

■ 4B7BAE

■ 3A72AE

■ 5C84AE

■ 2869AE

■ 6E8DAE

■ 1760AE

■ 7F96AE

■ 0557AE

■ 919FAE

■ 0054AE

■ A2A8AE

■ B3B1AE

■ C5BAAE

■ D6C3AE

■ E8CCAE

# Harmonies

## Analogous

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



0082A6



4B7BAE



7871A8

# Triad

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



4B7BAE



AC645F



4E835A

# Complementary

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



4B7BAE



AE7E4B

# 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.



6F7E47



4B7BAE



A06C4A

# Square

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



4B7BAE



AA627A



8B7641



238675

# Rectangle

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



4B7BAE



8F6B9C



8B7641



598253



# Sweetspot

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



4B7BAE



BCCFE3



4BAE7D



5C6773



F2F2F2



737373



# Same Dimension

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



4B7BAE



4993E3



4B4BAE



4E5257



004996



000B17



# Inverse Universe

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



AE4B7B



E34993



AEAE4B



574E52



960049

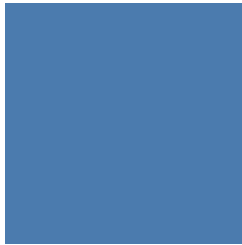


17000B



# Previews

## White Background



This preview shows how the Hex color 4B7BAE looks on a white background.

## Color Contrast Check

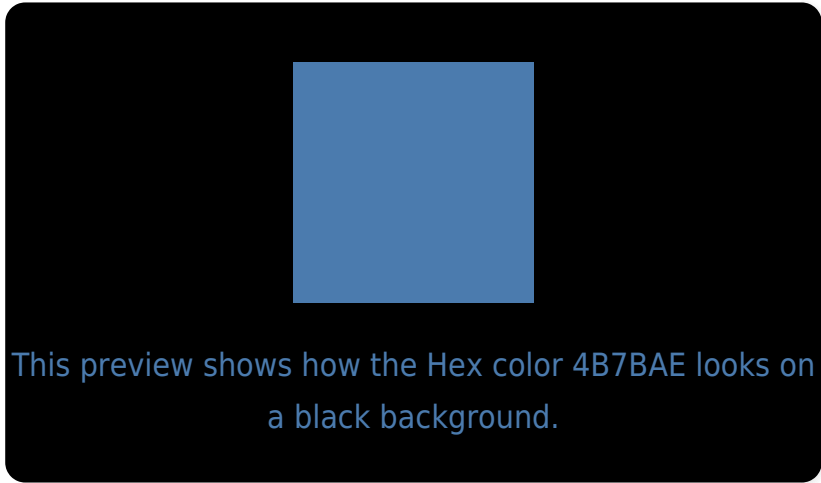
Large Text (above 18pt) WCAG AA ✓ Pass

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

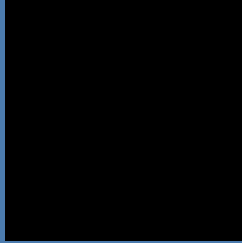
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B7BAE Background



This preview shows how black text looks on a background with the Hex color 4B7BAE.

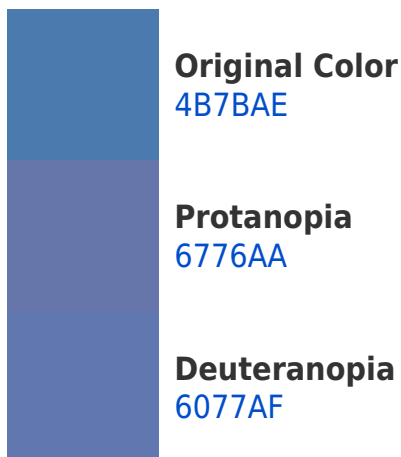



This preview shows how white text looks on a background with the Hex color 4B7BAE.

# 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](#).

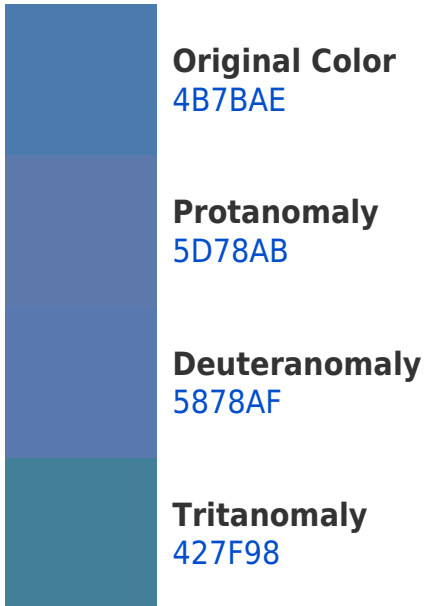
## Dichromacy





**Tritanopia**  
3D818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7BAE 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 #4B7BAE looks like.

```
.text, #text, p{  
    color:#4B7BAE  
}
```

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 #4B7BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7BAE
}
```

## Border

The CSS property to change the border of an element to Hex 4B7BAE 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
#4B7BAE }
```

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

```
.border{ border-color:#4B7BAE }
```

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

Here you see how a box with a 4 pixel #4B7BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7BAE; -webkit-box-shadow:4px 4px  
4px 4px #4B7BAE; box-shadow:4px 4px 4px  
4px #4B7BAE }
```

# Background

The CSS property to change the background color of an element to Hex 4B7BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7BAE }
```

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

```
.background{ background-color:#4B7BAE }
```

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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