

# Converting Colors

Hex(4B7BA2)

Have a look what the booklet for  
Hex(4B7BA2) contains.

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# Color

Hex(4B7BA2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B7BA2
RGB	75, 123, 162
RGB Percent	29%, 48%, 64%
CMY	0.7059, 0.5176, 0.3647
CMYK	0.54, 0.24, 0.00, 0.36
HSL	207°, 37%, 46%
HSV	207°, 54%, 64%
XYZ	16.5062, 18.2704, 36.8390
YIQ	113.0940, -41.1270, 1.9530

# Conversions

## Conversions Part 2

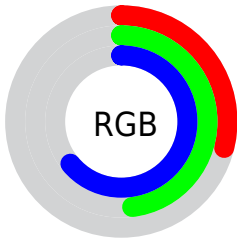
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 106, 162
Decimal	4946850
CIE <sub>Lab</sub>	49.82, -4.76, -25.88
CIE <sub>LCh</sub>	50, 26.309, 259.579
Yxy	18.2704, 0.2305, 0.2551
Android (android.graphics.Color)	4283136930 (0xFF4B7BA2)
YUV	113.0940, 24.1107, -33.4084
Hunter-Lab	42.7439, -5.8714, -21.1786

# Details

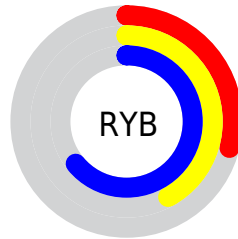
The Hex color **4B7BA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A2724B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **81AFD9**, and **0B4A6E** is the 20% darker color. If you saturate the color by 10%, you get **3B74A2**, and if you desaturate by 10%, it is **5B82A2**.

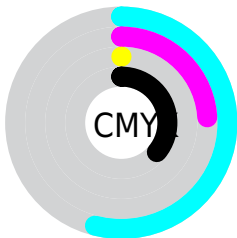
# Distribution



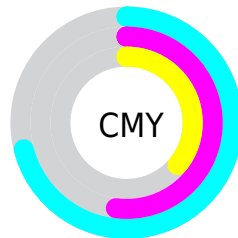
- Red (29%)
- Green (48%)
- Blue (64%)



- Red (29%)
- Yellow (42%)
- Blue (64%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (52%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7BA2 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 4B7BA2 by changing the saturation by 10% instead.



■ 4B7BA2

■ 4B7BA2

FFFFFF

■ 2F6288

■ 81AFD9

■ 0B4A6E

■ 9DCBF6

■ 003456

■ B9E7FF

■ 001F3E

■ D6FFFF

■ 000328

■ F3FFFF

■ 000112

■ 000000

■ 4B7BA2

■ 4B7BA2

■ 3B74A2

■ 5B82A2

■ 2B6CA2

■ 6B8AA2

■ 1A65A2

■ 7C91A2

■ 0A5EA2

■ 8C98A2

■ 0059A2

■ 9C9FA2

■ ACA7A2

■ BCAEA2

■ CDB5A2

■ DDBCA2

# Harmonies

## Analogous

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



2C8098



4B7BA2



6E74A0

# Triad

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



4B7BA2



A36669



5D7F59

# Complementary

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



4B7BA2



A2724B

# 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.



777A4C



4B7BA2



9C6B55

# Square

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



4B7BA2



9D667F



8D724B



42826E

# Rectangle

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



4B7BA2



836E99



8D724B



667E53



# Sweetspot

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



4B7BA2



B2C4D4



4BA271



57626B



EBEBEB



6B6B6B



# Same Dimension

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



4B7BA2



4C97D4



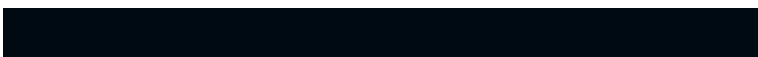
4B51A2



494E52



005091



000A12



# Inverse Universe

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



A24B7B



D44C97



A29C4B



52494E



910050



12000A



# Previews

## White Background



This preview shows how the Hex color 4B7BA2 looks on a white background.

## Color Contrast Check

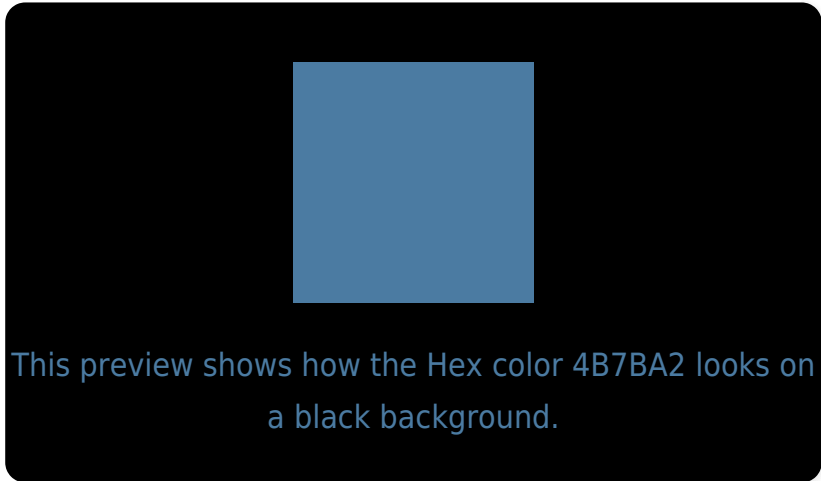
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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

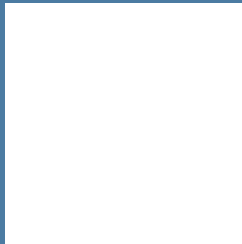
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B7BA2 Background



This preview shows how black text looks on a background with the Hex color 4B7BA2.

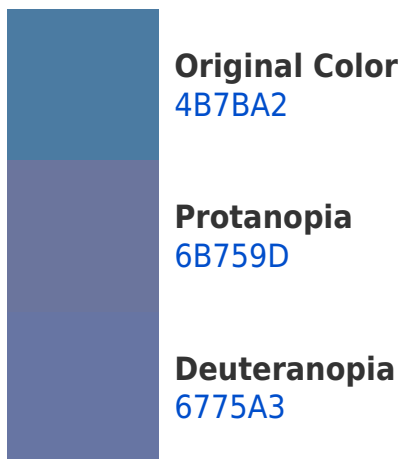


This preview shows how white text looks on a background with the Hex color 4B7BA2.

# 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](#).

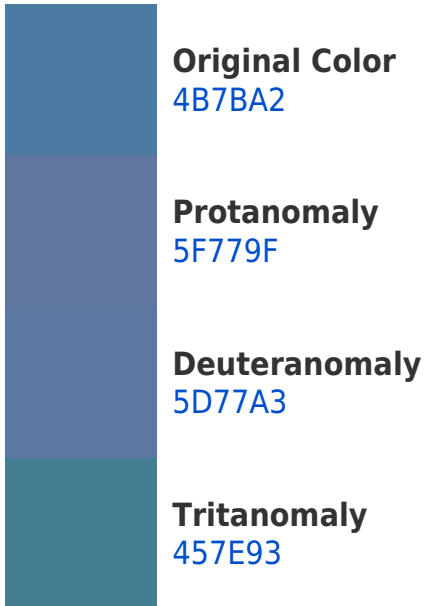
## Dichromacy





**Tritanopia**  
427F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7BA2 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 #4B7BA2 looks like.

```
.text, #text, p{  
    color:#4B7BA2  
}
```

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 #4B7BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7BA2
}
```

## Border

The CSS property to change the border of an element to Hex 4B7BA2 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
#4B7BA2 }
```

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

```
.border{ border-color:#4B7BA2 }
```

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

Here you see how a box with a 4 pixel #4B7BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7BA2; -webkit-box-shadow:4px 4px  
4px 4px #4B7BA2; box-shadow:4px 4px 4px  
4px #4B7BA2 }
```

# Background

The CSS property to change the background color of an element to Hex 4B7BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7BA2 }
```

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

```
.background{ background-color:#4B7BA2 }
```

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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