

Converting Colors

Hex(4B74BE)

Have a look what the booklet for
Hex(4B74BE) contains.

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Color

Hex(4B74BE)

Conversions

Conversions Part 1

Format	Color
Hex	4B74BE
RGB	75, 116, 190
RGB Percent	29%, 45%, 75%
CMY	0.7059, 0.5451, 0.2549
CMYK	0.61, 0.39, 0.00, 0.25
HSL	219°, 47%, 52%
HSV	219°, 61%, 75%
XYZ	18.4413, 17.7043, 51.1605
YIQ	112.1770, -48.1900, 14.3220

Conversions

Conversions Part 2

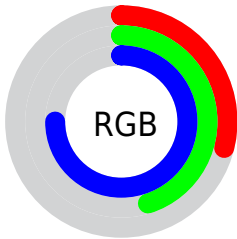
Format	Color
RYB	75, 105, 190
Decimal	4945086
CIELab	49.14, 8.70, -43.18
CIElCh	49, 44.051, 281.395
Yxy	17.7043, 0.2112, 0.2028
Android (android.graphics.Color)	4283135166 (0xFF4B74BE)
YUV	112.1770, 38.3667, -32.6042
Hunter-Lab	42.0765, 4.5991, -42.6367

Details

The Hex color **4B74BE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BE954B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **85A8F7**, and **004488** is the 20% darker color. If you saturate the color by 10%, you get **3868BE**, and if you desaturate by 10%, it is **5E80BE**.

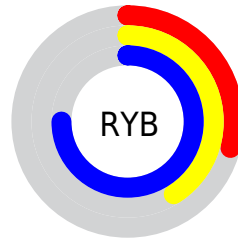
Distribution



Red (29%)

Green (45%)

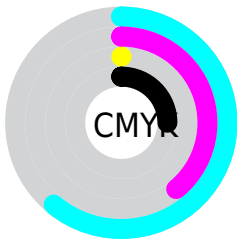
Blue (75%)



Red (29%)

Yellow (41%)

Blue (75%)

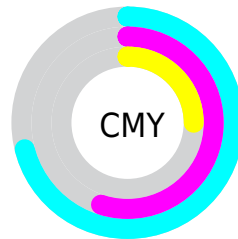


Cyan (61%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B74BE 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 4B74BE by changing the saturation by 10% instead.

■ 4B74BE

■ 4B74BE

FFFFFF

■ 2B5CA3

■ 85A8F7

■ 004488

■ A1C3FF

■ 002F6E

■ BEDFFF

■ 001B55

■ DBFBFF

■ 00023E

■ F9FFFF

■ 000327

■ 000110

■ 000000

■ 4B74BE

■ 4B74BE

■ 3868BE

■ 5E80BE

■ 255CBE

■ 718CBE

■ 124FBE

■ 8499BE

■ 0044BE

■ 97A5BE

■ AAB1BE

■ BDBDBE

■ D0CABE

■ E3D6BE

■ F6E2BE

Harmonies

Analogous

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



007FBB



4B74BE



8A65AD

Triad

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



4B74BE



B35C45



00865C

Complementary

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



4B74BE



BE954B

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.



53803A



4B74BE



9D6A2C

Square

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



4B74BE



BA5468



7C7727



008782

Rectangle

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



4B74BE



A45B99



7C7727



2D844F

Sweetspot

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



4B74BE



CBDBF7



4BBE94



616B7D



FCFCFC



7D7D7D

Same Dimension

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



4B74BE



4383F7



5A4BBE



55585E



00389E



000B1F

Inverse Universe

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



BE4B74



F74383



AFBE4B



5E5558



9E0038



1F000B

Previews

White Background



This preview shows how the Hex color 4B74BE looks on a white background.

Color Contrast Check

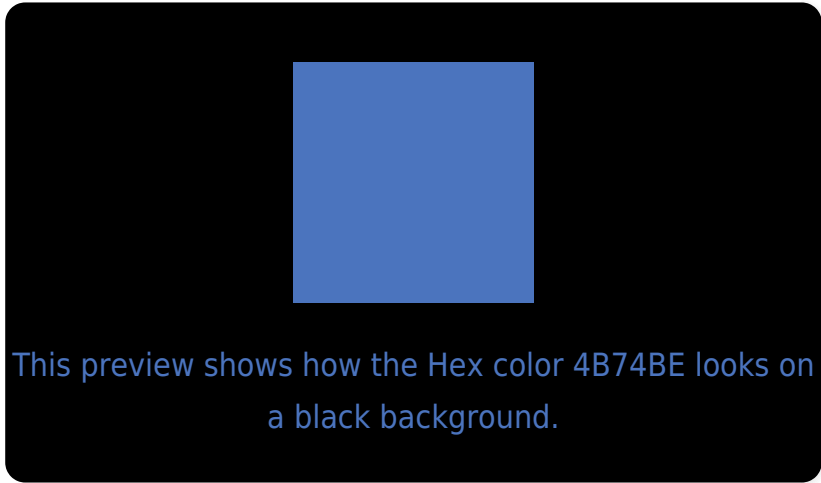
Large Text (above 18pt) WCAG AA ✓ Pass

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

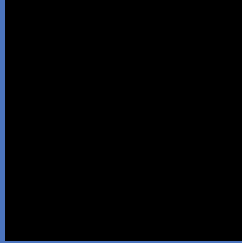
Any Text WCAG AA ✓ Pass

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 4B74BE Background



This preview shows how black text looks on a background with the Hex color 4B74BE.



This preview shows how white text looks on a background with the Hex color 4B74BE.

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



Original Color
4B74BE

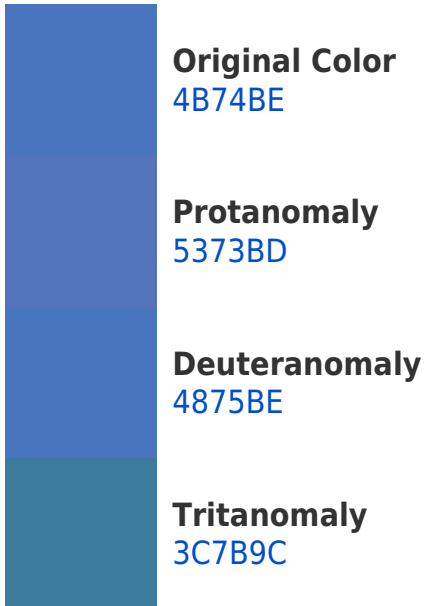
Protanopia
5772BC

Deuteranopia
4775BE

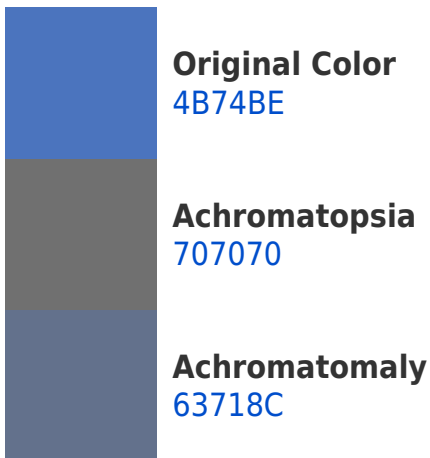


Tritanopia
337F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B74BE 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 #4B74BE looks like.

```
.text, #text, p{  
    color:#4B74BE  
}
```

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 #4B74BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B74BE
}
```

Border

The CSS property to change the border of an element to Hex 4B74BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

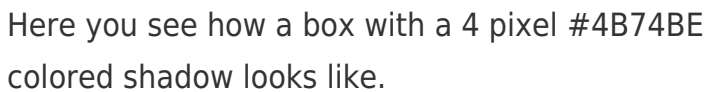
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B74BE }
```

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

```
.border{ border-color:#4B74BE }
```

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



Here you see how a box with a 4 pixel #4B74BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B74BE; -webkit-box-shadow:4px 4px  
4px 4px #4B74BE; box-shadow:4px 4px 4px  
4px #4B74BE }
```

Background

The CSS property to change the background color of an element to Hex 4B74BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B74BE }
```

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

```
.background{ background-color:#4B74BE }
```

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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