

Converting Colors

Hex(4B6CA7)

Have a look what the booklet for
Hex(4B6CA7) contains.

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Color

Hex(4B6CA7)

Conversions

Conversions Part 1

Format	Color
Hex	4B6CA7
RGB	75, 108, 167
RGB Percent	29%, 42%, 65%
CMY	0.7059, 0.5765, 0.3451
CMYK	0.55, 0.35, 0.00, 0.35
HSL	218°, 38%, 47%
HSV	218°, 55%, 65%
XYZ	15.2393, 15.0110, 38.6534
YIQ	104.8590, -38.6070, 11.3530

Conversions

Conversions Part 2

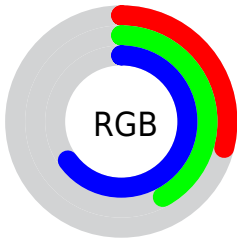
Format	Color
R_{YB}	75, 99, 167
Decimal	4943015
CIE Lab	45.65, 5.90, -35.32
CIE LCh	46, 35.812, 279.484
Yxy	15.0110, 0.2212, 0.2179
Android (android.graphics.Color)	4283133095 (0xFF4B6CA7)
YUV	104.8590, 30.6355, -26.1863
Hunter-Lab	38.7440, 2.4077, -32.0305

Details

The Hex color **4B6CA7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A7864B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **829FDE**, and **083D73** is the 20% darker color. If you saturate the color by 10%, you get **3A61A7**, and if you desaturate by 10%, it is **5C77A7**.

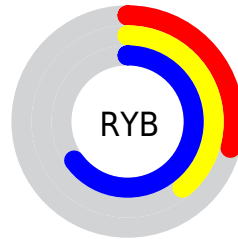
Distribution



Red (29%)

Green (42%)

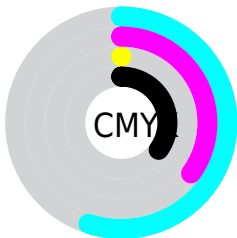
Blue (65%)



Red (29%)

Yellow (39%)

Blue (65%)

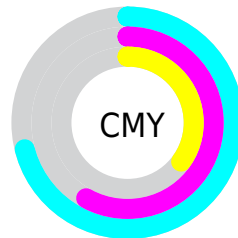


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6CA7 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 4B6CA7 by changing the saturation by 10% instead.

■ 4B6CA7

■ 4B6CA7

FFFFFF

■ 2E548C

■ 829FDE

■ 083D73

■ 9EBAFB

■ 00285A

■ BAD6FF

■ 001342

■ D6F2FF

■ 00032B

■ F4FFFF

■ 000116

■ 000000

■ 4B6CA7

■ 4B6CA7

■ 3A61A7

■ 5C77A7

■ 2A57A7

■ 6C81A7

■ 194CA7

■ 7D8CA7

■ 0841A7

■ 8E97A7

■ 003CA7

■ 9EA2A7

■ AFACA7

■ C0B7A7

■ D1C2A7

■ E1CCA7

Harmonies

Analogous

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



0075A4



4B6CA7



7B609A

Triad

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



4B6CA7



A05947



297A56

Complementary

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



4B6CA7



A7864B

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.



54753C



4B6CA7



8F6334

Square

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



4B6CA7



A45364



756D2F



007B75

Rectangle

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



4B6CA7



91598B



756D2F



3A794D

Sweetspot

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



4B6CA7



B4C1D9



4BA785



58606E



EDEDED



6E6E6E

Same Dimension

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



4B6CA7



4A7DD9



574BA7



4C4F54



003594



000714

Inverse Universe

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



A74B6C



D94A7D



9BA74B



544C4F



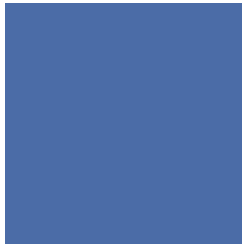
940035



140007

Previews

White Background



This preview shows how the Hex color 4B6CA7 looks on a white background.

Color Contrast Check

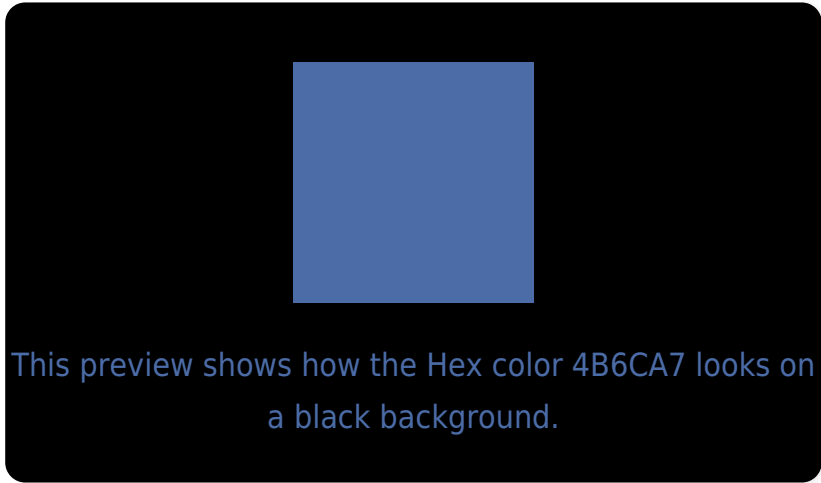
Large Text (above 18pt) WCAG AA ✓ Pass

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

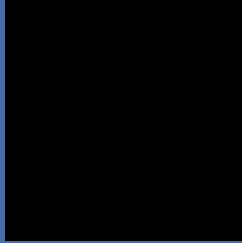
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

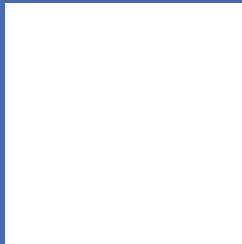
Any Text WCAG AAA × Fail

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

Hex 4B6CA7 Background



This preview shows how black text looks on a background with the Hex color 4B6CA7.

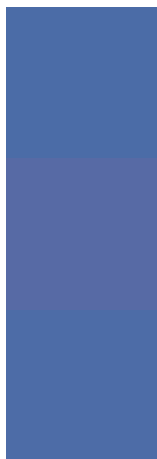


This preview shows how white text looks on a background with the Hex color 4B6CA7.

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
4B6CA7

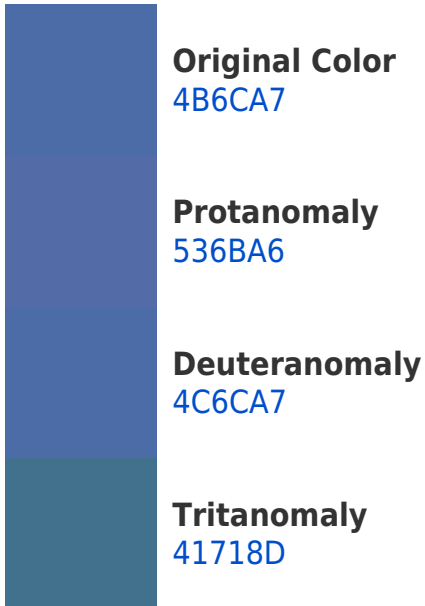
Protanopia
576AA5

Deuteranopia
4D6CA7



Tritanopia
3C747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6CA7 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 #4B6CA7 looks like.

```
.text, #text, p{  
    color:#4B6CA7  
}
```

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 #4B6CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6CA7  
}
```

Border

The CSS property to change the border of an element to Hex 4B6CA7 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  
#4B6CA7 }
```

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

```
.border{ border-color:#4B6CA7 }
```

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

Here you see how a box with a 4 pixel #4B6CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6CA7; -webkit-box-shadow:4px 4px  
4px 4px #4B6CA7; box-shadow:4px 4px 4px  
4px #4B6CA7 }
```

Background

The CSS property to change the background color of an element to Hex 4B6CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6CA7 }
```

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

```
.background{ background-color:#4B6CA7 }
```

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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