

Converting Colors

Hex(4B70C0)

Have a look what the booklet for
Hex(4B70C0) contains.

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Color

Hex(4B70C0)

Conversions

Conversions Part 1

Format	Color
Hex	4B70C0
RGB	75, 112, 192
RGB Percent	29%, 44%, 75%
CMY	0.7059, 0.5608, 0.2471
CMYK	0.61, 0.42, 0.00, 0.25
HSL	221°, 48%, 52%
HSV	221°, 61%, 75%
XYZ	18.2102, 16.8900, 52.1695
YIQ	110.0570, -47.7320, 17.0360

Conversions

Conversions Part 2

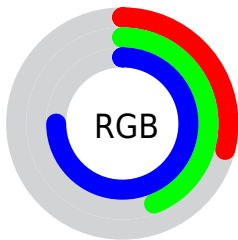
Format	Color
R_{YB}	75, 103, 192
Decimal	4944064
CIE _{Lab}	48.12, 11.86, -45.95
CIE _{LCh}	48, 47.453, 284.475
Yxy	16.8900, 0.2087, 0.1935
Android (android.graphics.Color)	4283134144 (0xFF4B70C0)
YUV	110.0570, 40.3979, -30.7450
Hunter-Lab	41.0974, 7.1728, -46.4952

Details

The Hex color **4B70C0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C09B4B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **85A3F9**, and **00418A** is the 20% darker color. If you saturate the color by 10%, you get **3863C0**, and if you desaturate by 10%, it is **5E7DC0**.

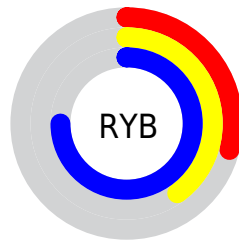
Distribution



Red (29%)

Green (44%)

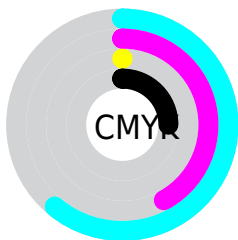
Blue (75%)



Red (29%)

Yellow (40%)

Blue (75%)

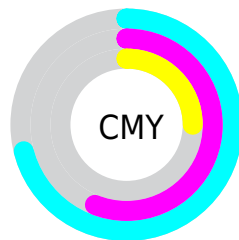


Cyan (61%)

Magenta (42%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (56%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B70C0 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 4B70C0 by changing the saturation by 10% instead.

■ 4B70C0

■ 4B70C0

FFFFFF

■ 2A58A5

■ 85A3F9

■ 00418A

■ A2BEFF

■ 002B70

■ BFDAFF

■ 001857

■ DCF6FF

■ 00043F

■ FAFFFF

■ 000328

■ 000112

■ 000000

■ 4B70C0

■ 4B70C0

■ 3863C0

■ 5E7DC0

■ 2556C0

■ 718AC0

■ 1149C0

■ 8597C0

■ 003DC0

■ 98A5C0

■ ABB2C0

■ BEBFC0

■ D1CCC0

■ E5D9C0

■ F8E6C0

Harmonies

Analogous

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



007CBF



4B70C0



8D5FAC

Triad

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



4B70C0



B2593C



00845B

Complementary

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



4B70C0



C09B4B

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.



487F36



4B70C0



996921

Square

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



4B70C0



BC4E60



75761D



008685

Rectangle

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



4B70C0



A85595



75761D



0F834E

Sweetspot

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



4B70C0



CDDBFA



4BC09B



616A7D



FCFCFC



7D7D7D

Same Dimension

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



4B70C0



437DFA



604BC0



575A61



0033A1



000A21

Inverse Universe

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



C04B70



FA437D



ABC04B



61575A



A10033



21000A

Previews

White Background



This preview shows how the Hex color 4B70C0 looks on a white background.

Color Contrast Check

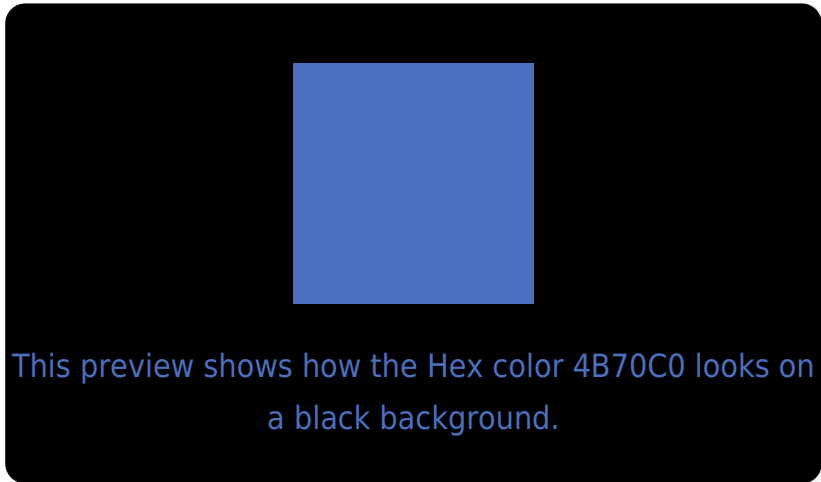
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B70C0 Background



This preview shows how black text looks on a background with the Hex color 4B70C0.



This preview shows how white text looks on a background with the Hex color 4B70C0.

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
4B70C0

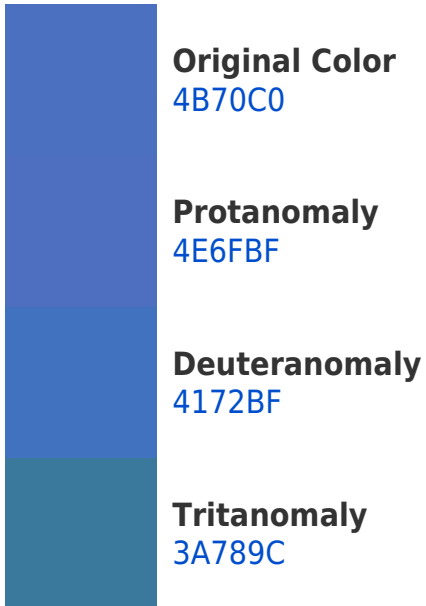
Protanopia
506FBF

Deuteranopia
3C73BF

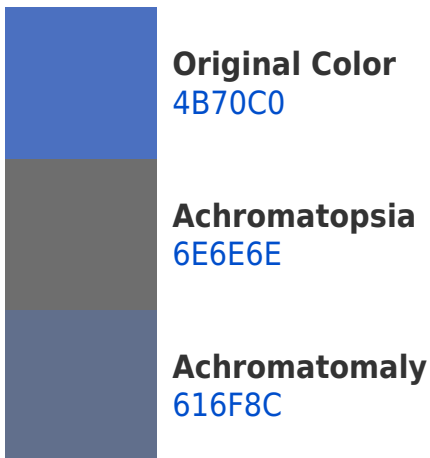


Tritanopia
307C87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B70C0 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 #4B70C0 looks like.

```
.text, #text, p{  
    color:#4B70C0  
}
```

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 #4B70C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B70C0
}
```

Border

The CSS property to change the border of an element to Hex 4B70C0 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
#4B70C0 }
```

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

```
.border{ border-color:#4B70C0 }
```

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

Here you see how a box with a 4 pixel #4B70C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B70C0; -webkit-box-shadow:4px 4px  
4px 4px #4B70C0; box-shadow:4px 4px 4px  
4px #4B70C0 }
```

Background

The CSS property to change the background color of an element to Hex 4B70C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B70C0 }
```

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

```
.background{ background-color:#4B70C0 }
```

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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