

Converting Colors

Hex(4B71CD)

Have a look what the booklet for
Hex(4B71CD) contains.

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Color

Hex(4B71CD)

Conversions

Conversions Part 1

Format	Color
Hex	4B71CD
RGB	75, 113, 205
RGB Percent	29%, 44%, 80%
CMY	0.7059, 0.5569, 0.1961
CMYK	0.63, 0.45, 0.00, 0.20
HSL	222°, 57%, 55%
HSV	222°, 63%, 80%
XYZ	19.8262, 17.7139, 60.1318
YIQ	112.1260, -52.1800, 20.5560

Conversions

Conversions Part 2

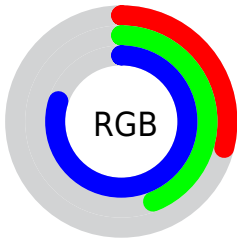
Format	Color
R_{YB}	75, 104, 205
Decimal	4944333
CIE _{Lab}	49.15, 15.72, -51.77
CIE _{LCh}	49, 54.101, 286.897
Yxy	17.7139, 0.2030, 0.1814
Android (android.graphics.Color)	4283134413 (0xFF4B71CD)
YUV	112.1260, 45.7869, -32.5595
Hunter-Lab	42.0879, 10.4318, -55.2473

Details

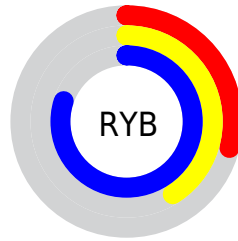
The Hex color **4B71CD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CDA74B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **87A4FF**, and **004296** is the 20% darker color. If you saturate the color by 10%, you get **3762CD**, and if you desaturate by 10%, it is **6080CD**.

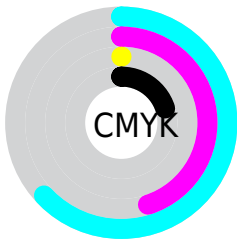
Distribution



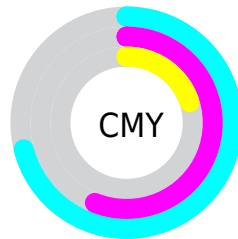
- Red (29%)
- Green (44%)
- Blue (80%)



- Red (29%)
- Yellow (41%)
- Blue (80%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B71CD 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 4B71CD by changing the saturation by 10% instead.

■ 4B71CD

■ 4B71CD

FFFFFF

■ 2859B1

■ 87A4FF

■ 004296

■ A4BFFF

■ 002D7C

■ C2DBFF

■ 001962

■ DFF7FF

■ 00004A

FDFFFF

■ 000432

■ 00021C

■ 000000

■ 4B71CD

■ 4B71CD

■ 3762CD

■ 6080CD

■ 2254CD

■ 748ECD

■ 0E45CD

■ 899DCD

■ 003CCD

■ 9DABCD

■ B2BACD

■ C6C8CD

■ DBD7CD

■ EFE5CD

■ FFF4CD

Harmonies

Analogous

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



0080CE



4B71CD



975DB4

Triad

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



4B71CD



BA5833



00895E

Complementary

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



4B71CD



CDA74B

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.



3C8432



4B71CD



9C6B10

Square

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



4B71CD



C7495D



737A0C



008A8E

Rectangle

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



4B71CD



B4509A



737A0C



00884F

Sweetspot

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



4B71CD



CFDDFF



4BCDA6



626B80



000000



808080

Same Dimension

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



4B71CD



3D76FF



654BCD



5C5F66



0030A6



000B26

Inverse Universe

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



CD4B71



FF3D76



B3CD4B



665C5F



A60030



26000B

Previews

White Background



This preview shows how the Hex color 4B71CD looks on a white background.

Color Contrast Check

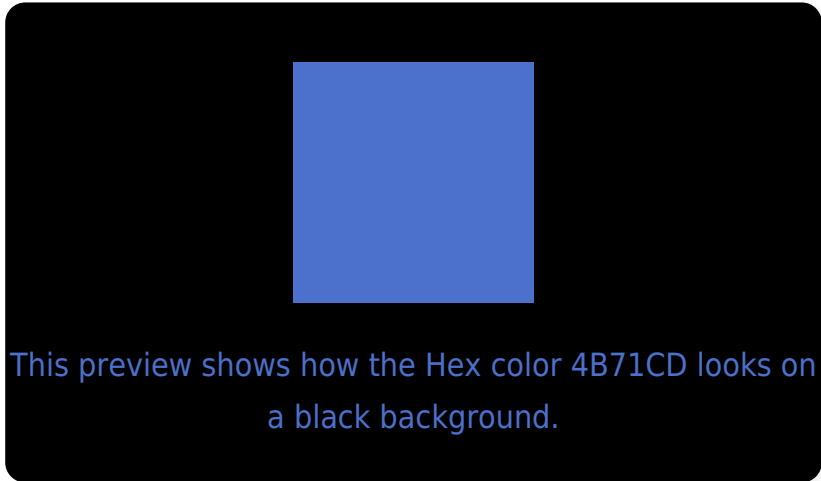
Large Text (above 18pt) WCAG AA ✓ Pass

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

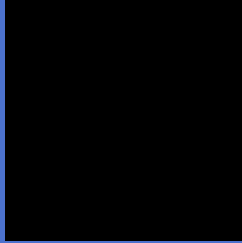
Any Text WCAG AA ✓ Pass

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 4B71CD Background



This preview shows how black text looks on a background with the Hex color 4B71CD.

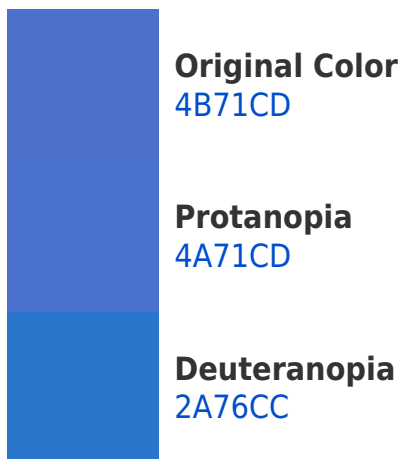


This preview shows how white text looks on a background with the Hex color 4B71CD.

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](#).

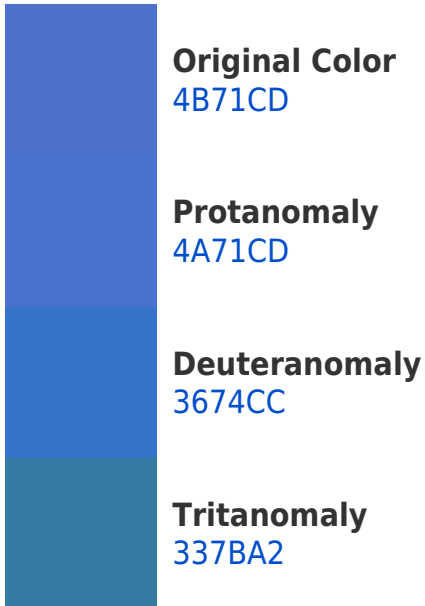
Dichromacy





Tritanopia
26808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B71CD 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 #4B71CD looks like.

```
.text, #text, p{
  color:#4B71CD
}
```

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 #4B71CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B71CD
}
```

Border

The CSS property to change the border of an element to Hex 4B71CD 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
#4B71CD }
```

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

```
.border{ border-color:#4B71CD }
```

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

Here you see how a box with a 4 pixel #4B71CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B71CD; -webkit-box-shadow:4px 4px  
4px 4px #4B71CD; box-shadow:4px 4px 4px  
4px #4B71CD }
```

Background

The CSS property to change the background color of an element to Hex 4B71CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B71CD }
```

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

```
.background{ background-color:#4B71CD }
```

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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