

Converting Colors

Hex(4B6CBF)

Have a look what the booklet for
Hex(4B6CBF) contains.

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Color

Hex(4B6CBF)

Conversions

Conversions Part 1

Format	Color
Hex	4B6CBF
RGB	75, 108, 191
RGB Percent	29%, 42%, 75%
CMY	0.7059, 0.5765, 0.2510
CMYK	0.61, 0.43, 0.00, 0.25
HSL	223°, 48%, 52%
HSV	223°, 61%, 75%
XYZ	17.6682, 15.9826, 51.4439
YIQ	107.5950, -46.3110, 18.8170

Conversions

Conversions Part 2

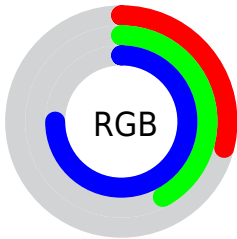
Format	Color
R_{YB}	75, 101, 191
Decimal	4943039
CIE _{Lab}	46.95, 14.01, -47.23
CIE _{LCh}	47, 49.269, 286.524
Yxy	15.9826, 0.2076, 0.1878
Android (android.graphics.Color)	4283133119 (0xFF4B6CBF)
YUV	107.5950, 41.1187, -28.5858
Hunter-Lab	39.9782, 8.9254, -48.3096

Details

The Hex color **4B6CBF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BF9E4B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **859FF8**, and **003D89** is the 20% darker color. If you saturate the color by 10%, you get **385EBF**, and if you desaturate by 10%, it is **5E7ABF**.

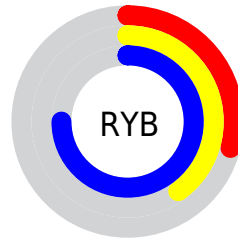
Distribution



Red (29%)

Green (42%)

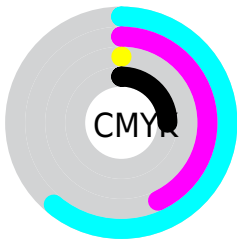
Blue (75%)



Red (29%)

Yellow (40%)

Blue (75%)

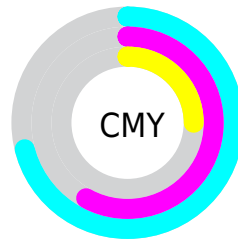


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6CBF 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 4B6CBF by changing the saturation by 10% instead.

■ 4B6CBF

■ 4B6CBF

FFFFFF

■ 2B54A4

■ 859FF8

■ 003D89

■ A2BAFF

■ 00286F

■ BFD5FF

■ 001556

■ DCF2FF

■ 00063E

■ FAFFFF

■ 000327

■ 000111

■ 000000

■ 4B6CBF

■ 4B6CBF

■ 385EBF

■ 5E7ABF

■ 2551BF

■ 7187BF

■ 1243BF

■ 8495BF

■ 0036BF

■ 97A3BF

■ ABB0BF

■ BEBEBF

■ D1CCBF

■ E4D9BF

■ F7E7BF

Harmonies

Analogous

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



0079C0



4B6CBF



8E5AA9

Triad

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



4B6CBF



AF5634



00825B

Complementary

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



4B6CBF



BF9E4B

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.



3E7D33



4B6CBF



946718

Square

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



4B6CBF



BA495A



6F7415



008386

Rectangle

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



4B6CBF



A84F91



6F7415



00814D

Sweetspot

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



4B6CBF



CBD7F7



4BBF9C



61697D



FCFCFC



7D7D7D

Same Dimension

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



4B6CBF



4376F7



624BBF



55585E



002D9E



00091F

Inverse Universe

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



BF4B6C



F74376



A8BF4B



5E5558



9E002D



1F0009

Previews

White Background



This preview shows how the Hex color 4B6CBF looks on a white background.

Color Contrast Check

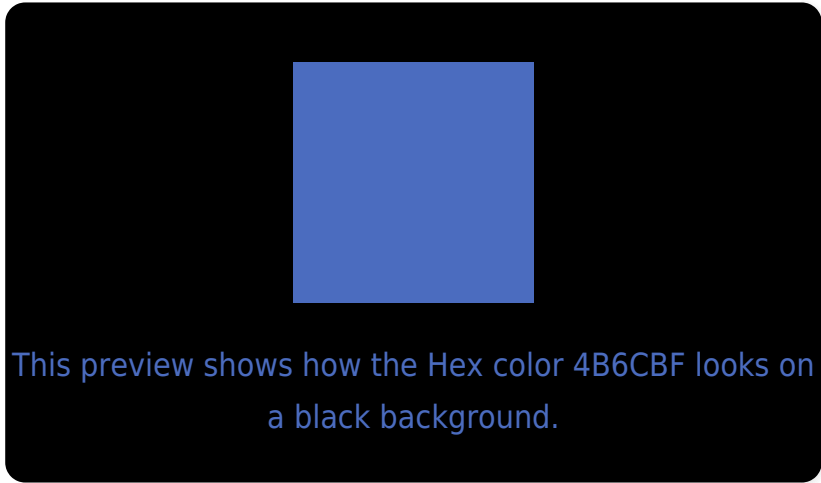
Large Text (above 18pt) WCAG AA ✓ Pass

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

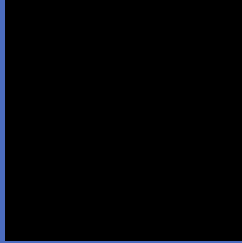
Any Text WCAG AA × Fail

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 4B6CBF Background



This preview shows how black text looks on a background with the Hex color 4B6CBF.



This preview shows how white text looks on a background with the Hex color 4B6CBF.

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](#).

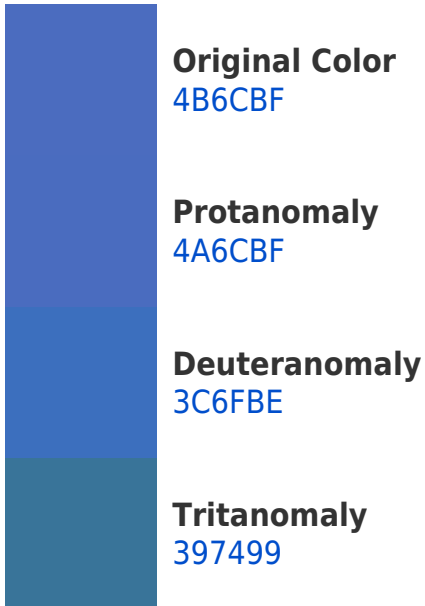
Dichromacy





Tritanopia
2F7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6CBF 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 #4B6CBF looks like.

```
.text, #text, p{  
    color:#4B6CBF  
}
```

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 #4B6CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6CBF
}
```

Border

The CSS property to change the border of an element to Hex 4B6CBF 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
#4B6CBF }
```

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

```
.border{ border-color:#4B6CBF }
```

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

Here you see how a box with a 4 pixel #4B6CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6CBF; -webkit-box-shadow:4px 4px  
4px 4px #4B6CBF; box-shadow:4px 4px 4px  
4px #4B6CBF }
```

Background

The CSS property to change the background color of an element to Hex 4B6CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6CBF }
```

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

```
.background{ background-color:#4B6CBF }
```

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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