

Converting Colors

Hex(4B74D9)

Have a look what the booklet for
Hex(4B74D9) contains.

Hex(4B74D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B74D9)

Conversions

Conversions Part 1

Format	Color
Hex	4B74D9
RGB	75, 116, 217
RGB Percent	29%, 45%, 85%
CMY	0.7059, 0.5451, 0.1490
CMYK	0.65, 0.47, 0.00, 0.15
HSL	223°, 65%, 57%
HSV	223°, 65%, 85%
XYZ	21.6714, 18.9964, 68.1701
YIQ	115.2550, -56.8570, 22.7190

Conversions

Conversions Part 2

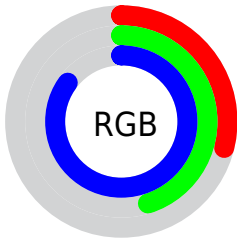
Format	Color
RYB	75, 107, 217
Decimal	4945113
CIELab	50.68, 18.03, -56.13
CIElCh	51, 58.952, 287.811
Yxy	18.9964, 0.1991, 0.1745
Android (android.graphics.Color)	4283135193 (0xFF4B74D9)
YUV	115.2550, 50.1603, -35.3036
Hunter-Lab	43.5849, 12.4810, -62.2248

Details

The Hex color **4B74D9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D9B04B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **89A8FF**, and **0045A1** is the 20% darker color. If you saturate the color by 10%, you get **3565D9**, and if you desaturate by 10%, it is **6183D9**.

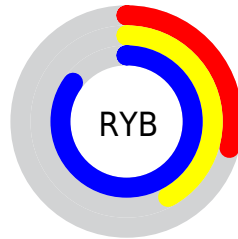
Distribution



Red (29%)

Green (45%)

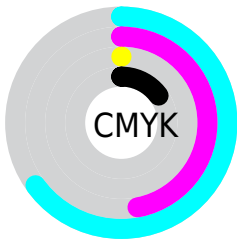
Blue (85%)



Red (29%)

Yellow (42%)

Blue (85%)

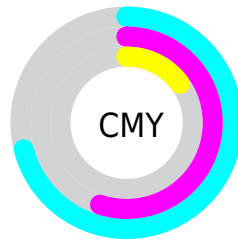


Cyan (65%)

Magenta (47%)

Yellow (0%)

Black (15%)



Cyan (71%)

Magenta (55%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B74D9 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 4B74D9 by changing the saturation by 10% instead.

■ 4B74D9

■ 4B74D9

FFFFFF

■ 255CBD

■ 89A8FF

■ 0045A1

■ A7C3FF

■ 002F87

■ C4DEFF

■ 001C6D

■ E2FBFF

■ 000054

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 4B74D9

■ 4B74D9

■ 3565D9

■ 6183D9

■ 2055D9

■ 7693D9

■ 0A46D9

■ 8CA2D9

■ 003FD9

■ A2B2D9

■ B7C1D9

■ CDD1D9

■ E3E0D9

■ F9EFD9

■ FFFFD9

Harmonies

Analogous

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



0084DB



4B74D9



A05DBD

Triad

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



4B74D9



C3592F



008F62

Complementary

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



4B74D9



D9B04B

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.



358930



4B74D9



A26F00

Square

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



4B74D9



D2475D



747F00



009096

Rectangle

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



4B74D9



BF4EA0



747F00



008D50

Sweetspot

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



4B74D9



CCDBFF



4BD9AE



616A80



000000



808080

Same Dimension

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



4B74D9



3670FF



674BD9



63666E



0032AD



000D2E

Inverse Universe

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



D94B74



FF3670



BDD94B



6E6366



AD0032



2E000D

Previews

White Background



This preview shows how the Hex color 4B74D9 looks on a white 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

Black Background



This preview shows how the Hex color 4B74D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

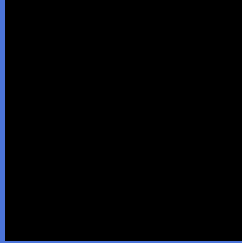
Any Text WCAG AA ✓ Pass

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 4B74D9 Background



This preview shows how black text looks on a background with the Hex color 4B74D9.

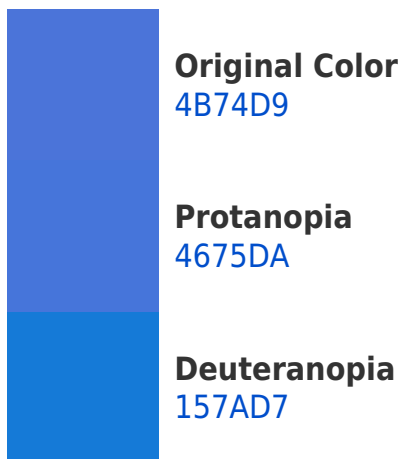


This preview shows how white text looks on a background with the Hex color 4B74D9.

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](#).

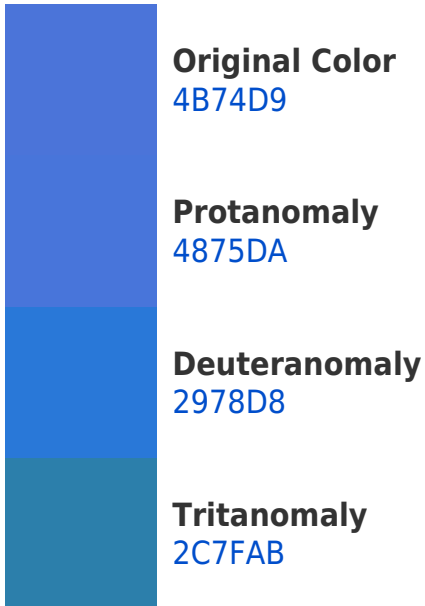
Dichromacy



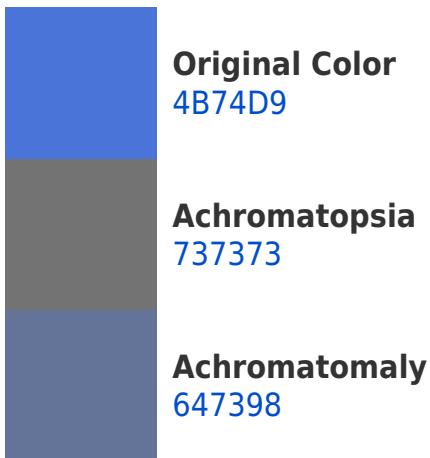


Tritanopia
1A8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B74D9 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 #4B74D9 looks like.

```
.text, #text, p{  
    color:#4B74D9  
}
```

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 #4B74D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B74D9
}
```

Border

The CSS property to change the border of an element to Hex 4B74D9 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
#4B74D9 }
```

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

```
.border{ border-color:#4B74D9 }
```

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

Here you see how a box with a 4 pixel #4B74D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B74D9; -webkit-box-shadow:4px 4px  
4px 4px #4B74D9; box-shadow:4px 4px 4px  
4px #4B74D9 }
```

Background

The CSS property to change the background color of an element to Hex 4B74D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B74D9 }
```

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

```
.background{ background-color:#4B74D9 }
```

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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