

# Converting Colors

Hex(B74DA9)

Have a look what the booklet for  
Hex(B74DA9) contains.

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**Color**

**Hex(B74DA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B74DA9
RGB	183, 77, 169
RGB Percent	72%, 30%, 66%
CMY	0.2824, 0.6980, 0.3373
CMYK	0.00, 0.58, 0.08, 0.28
HSL	308°, 42%, 51%
HSV	308°, 58%, 72%
XYZ	29.3437, 18.2396, 39.5101
YIQ	119.1820, 33.6440, 51.0840

# Conversions

## Conversions Part 2

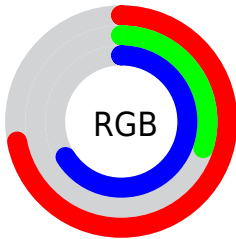
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 77, 169
Decimal	12012969
CIE <sub>Lab</sub>	49.79, 54.37, -29.23
CIE <sub>LCh</sub>	50, 61.732, 331.739
Yxy	18.2396, 0.3369, 0.2094
Android (android.graphics.Color)	4290203049 (0xFFB74DA9)
YUV	119.1820, 24.5603, 55.9684
Hunter-Lab	42.7079, 47.9052, -24.9552

# Details

The Hex color **B74DA9** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4DB75B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F183E1**, and **7F1075** is the 20% darker color. If you saturate the color by 10%, you get **B73BA7**, and if you desaturate by 10%, it is **B75FAB**.

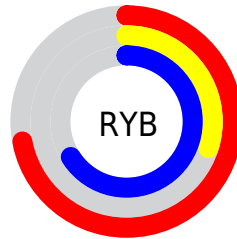
# Distribution



Red (72%)

Green (30%)

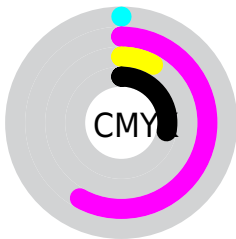
Blue (66%)



Red (72%)

Yellow (30%)

Blue (66%)

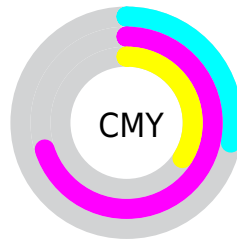


Cyan (0%)

Magenta (58%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (70%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B74DA9 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 B74DA9 by changing the saturation by 10% instead.



 B74DA9

 B74DA9

FFFFFF

 9B318E

 F183E1

 7F1075

 FF9FFD

 64005C

 FFBBFF

 4A0044

 FFD8FF

 33002D

 FFF5FF

 0D0017

 000000

 B74DA9

 B74DA9

 B73BA7

 B75FAB

 B728A4

 B772AE

 B716A2

 B784B0

 B7049F

 B796B3

 B7009F

 B7A9B5

 B7BBB8

 B7CDBA

 B7DFBC

 B7F2BF

# Harmonies

## Analogous

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



7867D0



B74DA9



D13D76

# Triad

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



B74DA9



8C7500



008EAC

# Complementary

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



B74DA9



4DB75B

# 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.



008E78



B74DA9



578307

# Square

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



B74DA9



B56010



008B42



0088D3

# Rectangle

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



B74DA9



D24253



008B42



008E9C



# Sweetspot

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



B74DA9



EDC5E8



594DB7



786075



F7F7F7



787878



# Same Dimension

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



B74DA9



ED47D7



B74D76



5C535B



9C0087



1C0018



# Inverse Universe

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



B74DA9



ED47D7



4DB78E



5C535B



9C0087



1C0018



# Previews

## White Background



This preview shows how the Hex color B74DA9 looks on a white background.

## Color Contrast Check

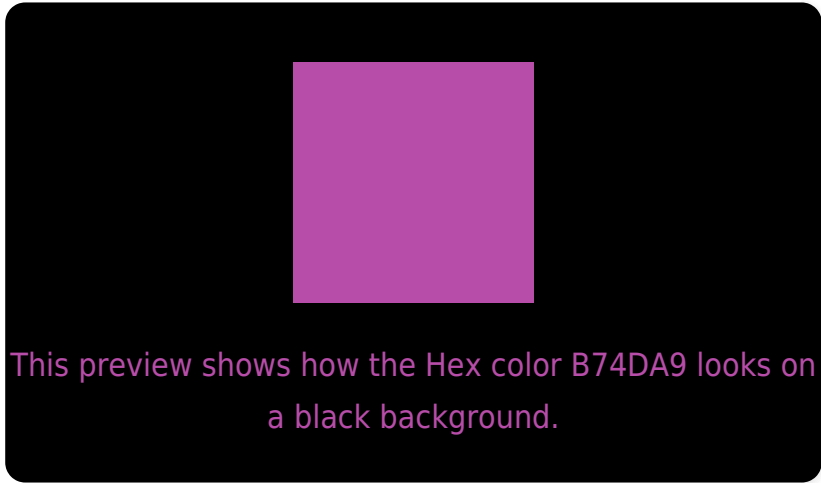
Large Text (above 18pt) WCAG AA ✓ Pass

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

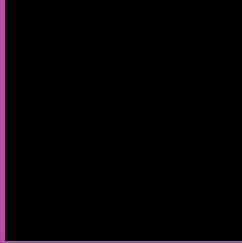
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B74DA9 Background



This preview shows how black text looks on a background with the Hex color B74DA9.

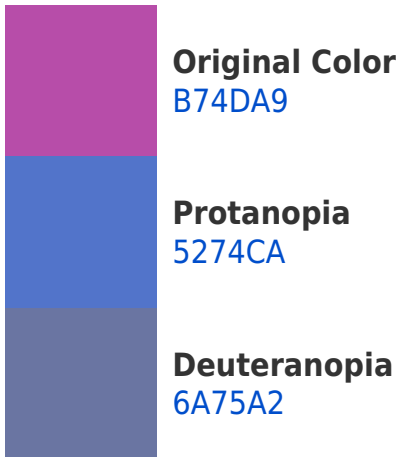



This preview shows how white text looks on a background with the Hex color B74DA9.

# 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](#).

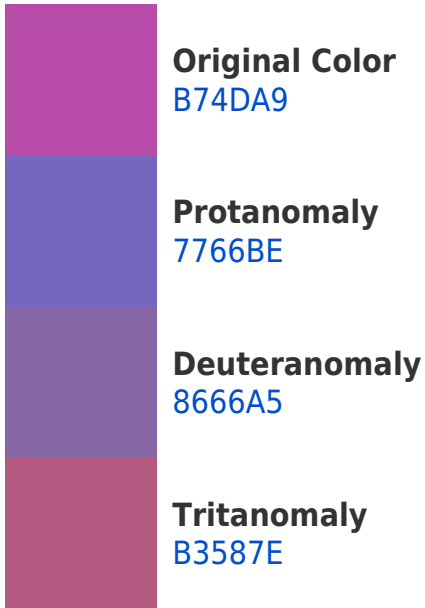
## Dichromacy



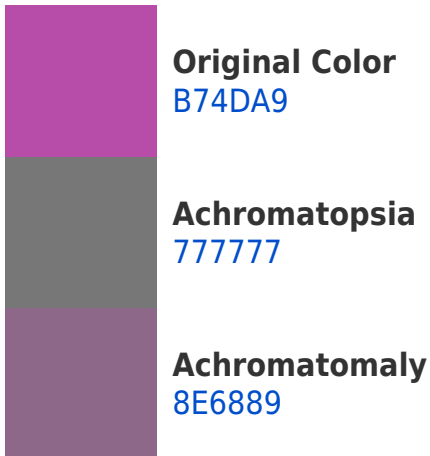


**Tritanopia**  
B05E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B74DA9 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 #B74DA9 looks like.

```
.text, #text, p{  
    color:#B74DA9  
}
```

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 #B74DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74DA9
}
```

## Border

The CSS property to change the border of an element to Hex B74DA9 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
#B74DA9 }
```

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

```
.border{ border-color:#B74DA9 }
```

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

Here you see how a box with a 4 pixel #B74DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74DA9; -webkit-box-shadow:4px 4px  
4px 4px #B74DA9; box-shadow:4px 4px 4px  
4px #B74DA9 }
```

# Background

The CSS property to change the background color of an element to Hex B74DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74DA9 }
```

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

```
.background{ background-color:#B74DA9 }
```

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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