

# Converting Colors

Hex(B74B88)

Have a look what the booklet for  
Hex(B74B88) contains.

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# Color

**Hex(B74B88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B74B88</a>
RGB	<a href="#">183, 75, 136</a>
RGB Percent	<a href="#">72%, 29%, 53%</a>
CMY	<a href="#">0.2824, 0.7059, 0.4667</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.59, 0.26, 0.28</a>
HSL	<a href="#">326°, 43%, 51%</a>
HSV	<a href="#">326°, 59%, 72%</a>
XYZ	<a href="#">26.4884, 16.8770, 25.1540</a>
YIQ	<a href="#">114.2460, 44.7870, 41.8670</a>

# Conversions

## Conversions Part 2

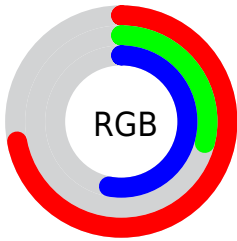
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 75, 136
Decimal	12012424
CIE <sub>Lab</sub>	48.10, 50.28, -12.19
CIE <sub>LCh</sub>	48, 51.739, 346.368
Yxy	16.8770, 0.3866, 0.2463
Android (android.graphics.Color)	4290202504 (0xFFB74B88)
YUV	114.2460, 10.7247, 60.2973
Hunter-Lab	41.0816, 43.1996, -7.5458

# Details

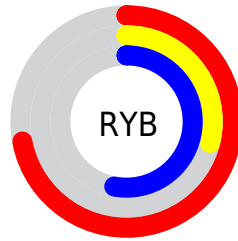
The Hex color **B74B88** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4BB77A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F281BD**, and **7F0F56** is the 20% darker color. If you saturate the color by 10%, you get **B73980**, and if you desaturate by 10%, it is **B75D90**.

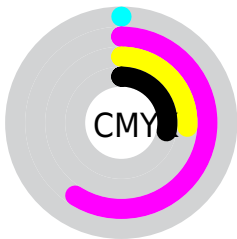
# Distribution



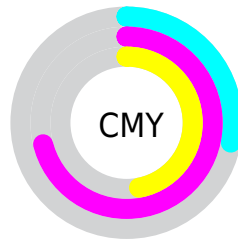
- Red (72%)
- Green (29%)
- Blue (53%)



- Red (72%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B74B88 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 B74B88 by changing the saturation by 10% instead.



 B74B88

 B74B88

FFFFFF

 9B306F

 F281BD

 7F0F56

 FF9CD9

 63003F

 FFB8F6

 490029

 FFD5FF

 310014

 FFF2FF

 000000

 B74B88

 B74B88

 B73980

 B75D90

 B72678

 B77098

 B71470

 B782A0

 B70268

 B794A8

 B70067

 B7A7B0

 B7B9B8

 B7CBC0

 B7DDC8

 B7F0D0

# Harmonies

## Analogous

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



925CAF



B74B88



C1495C

# Triad

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



B74B88



727711



0084B1

# Complementary

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



B74B88



4BB77A

# 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.



00878A



B74B88



3E8132

# Square

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



B74B88



996914



00865C



007DC7

# Rectangle

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



B74B88



BB5141



00865C



0086A5



# Sweetspot

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



B74B88



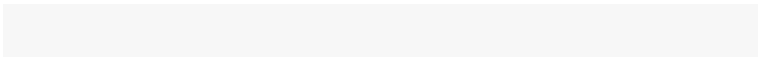
EDC2DB



7A4BB7



785D6C



F7F7F7



787878



# Same Dimension

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



B74B88



ED45A4



B74B52



5C5358



9C0058



1C0010



# Inverse Universe

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



B74B88



ED45A4



4BB7B0



5C5358



9C0058



1C0010



# Previews

## White Background



This preview shows how the Hex color B74B88 looks on a white background.

## Color Contrast Check

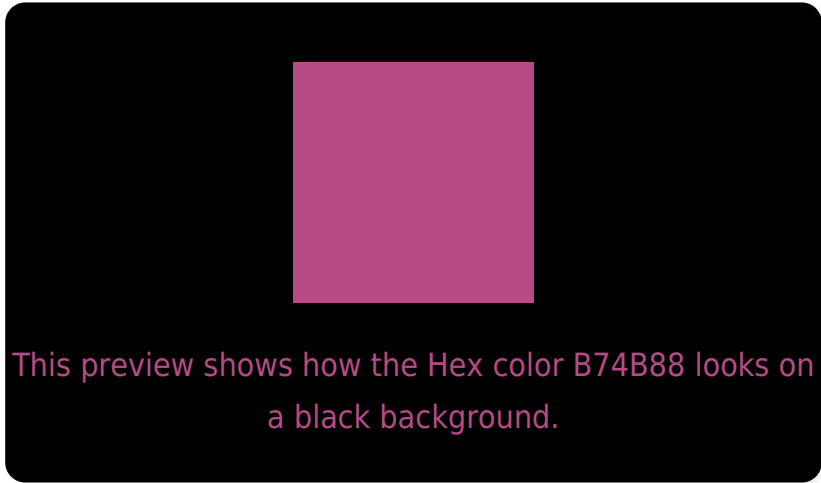
Large Text (above 18pt) WCAG AA ✓ Pass

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

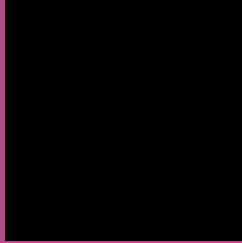
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B74B88 Background



This preview shows how black text looks on a background with the Hex color B74B88.



This preview shows how white text looks on a background with the Hex color B74B88.

# 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](#).

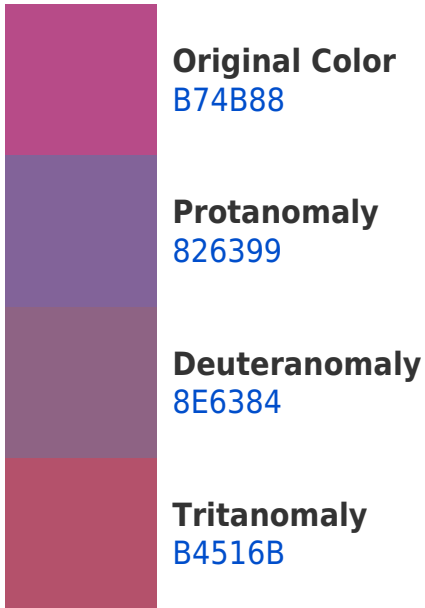
## Dichromacy





**Tritanopia**  
B3555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B74B88 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 #B74B88 looks like.

```
.text, #text, p{  
  color:#B74B88  
}
```

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 #B74B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74B88
}
```

## Border

The CSS property to change the border of an element to Hex B74B88 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
#B74B88 }
```

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

```
.border{ border-color:#B74B88 }
```

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

Here you see how a box with a 4 pixel #B74B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74B88; -webkit-box-shadow:4px 4px  
4px 4px #B74B88; box-shadow:4px 4px 4px  
4px #B74B88 }
```

# Background

The CSS property to change the background color of an element to Hex B74B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74B88 }
```

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

```
.background{ background-color:#B74B88 }
```

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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