

# Converting Colors

Hex(BE74A9)

Have a look what the booklet for  
Hex(BE74A9) contains.

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# **Color**

**Hex(BE74A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE74A9
RGB	190, 116, 169
RGB Percent	75%, 45%, 66%
CMY	0.2549, 0.5451, 0.3373
CMYK	0.00, 0.39, 0.11, 0.25
HSL	317°, 36%, 60%
HSV	317°, 39%, 75%
XYZ	34.6420, 26.3025, 40.7872
YIQ	144.1680, 27.0910, 32.1710

# Conversions

## Conversions Part 2

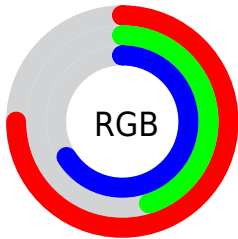
Format	Color
R <sub>YB</sub>	190, 116, 169
Decimal	12481705
CIE Lab	58.32, 36.80, -16.03
CIE LCh	58, 40.138, 336.461
Yxy	26.3025, 0.3405, 0.2585
Android (android.graphics.Color)	4290671785 (0xFFBE74A9)
YUV	144.1680, 12.2422, 40.1947
Hunter-Lab	51.2860, 30.8206, -11.2525

# Details

The Hex color **BE74A9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **74BE89**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F7A9E0**, and **874175** is the 20% darker color. If you saturate the color by 10%, you get **BE61A4**, and if you desaturate by 10%, it is **BE87AE**.

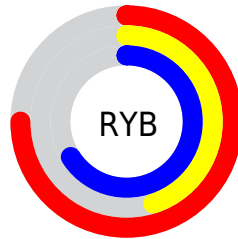
# Distribution



Red (75%)

Green (45%)

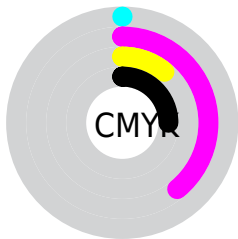
Blue (66%)



Red (75%)

Yellow (45%)

Blue (66%)

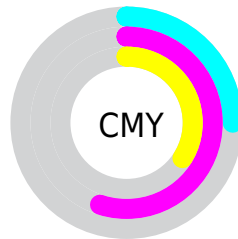


Cyan (0%)

Magenta (39%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE74A9 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 BE74A9 by changing the saturation by 10% instead.



 BE74A9

 BE74A9

FFFFFF

 A25A8E

 F7A9E0

 874175

 FFC5FD

 6D295C

 FFE1FF

 530E44

FFFEFF

 3A002E

 25001A

 000000

 BE74A9

 BE74A9

 BE61A4

 BE87AE

 BE4E9E

 BE9AB4

 BE3B99

 BEADB9

 BE2893

 BEC0BF

 BE158E

 BED3C4

 BE0289

 BEE6C9

 BE0088

 BEF9CF

 BEFFD4

 BEFFDA

# Harmonies

## Analogous

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



9980C5



BE74A9



CE6F86

# Triad

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



BE74A9



9A8D44



009DB5

# Complementary

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



BE74A9



74BE89

# 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.



009E93



BE74A9



759652

# Square

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



BE74A9



B8804C



469C6F



0097CC

# Rectangle

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



BE74A9



CE726F



469C6F



009EAA



# Sweetspot

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



BE74A9



F7DAEF



8974BE



7D6B78



FCFCFC



7D7D7D



# Same Dimension

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



BE74A9



F783D6



BE7484



5E555C



9E0071



1F0016



# Inverse Universe

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



BE74A9



F783D6



74BEAE



5E555C



9E0071



1F0016



# Previews

## White Background



This preview shows how the Hex color BE74A9 looks on a white background.

## Color Contrast Check

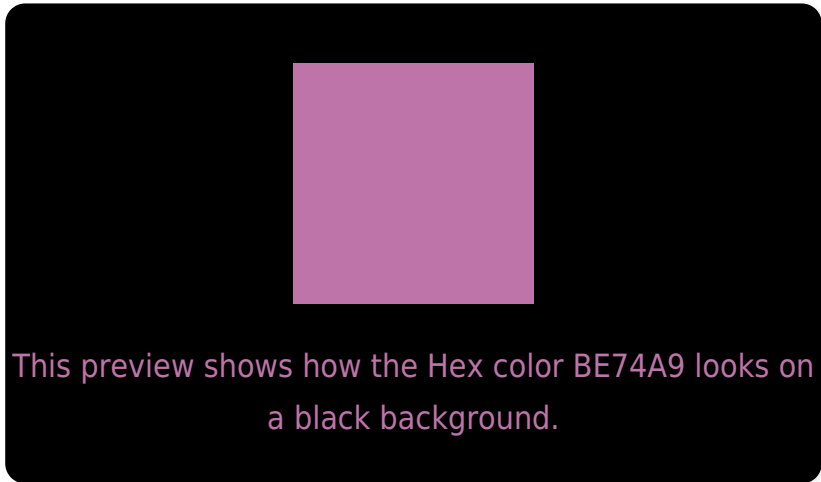
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 BE74A9 Background



This preview shows how black text looks on a background with the Hex color BE74A9.

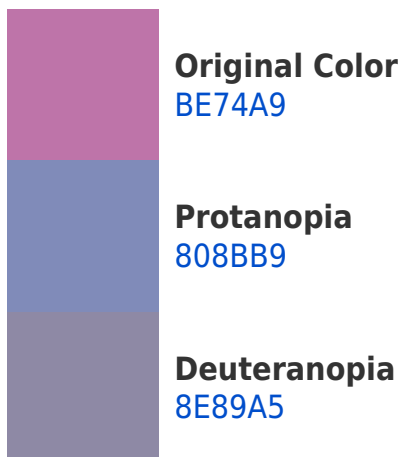



This preview shows how white text looks on a background with the Hex color BE74A9.

# 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](#).

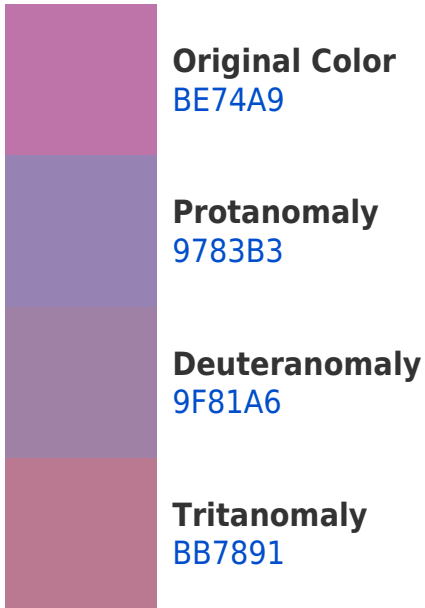
## Dichromacy



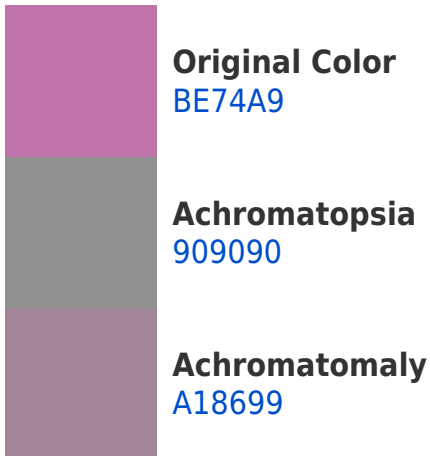


**Tritanopia**  
BA7B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE74A9 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 #BE74A9 looks like.

```
.text, #text, p{  
    color:#BE74A9  
}
```

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 #BE74A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE74A9
}
```

## Border

The CSS property to change the border of an element to Hex BE74A9 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
#BE74A9 }
```

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

```
.border{ border-color:#BE74A9 }
```

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

Here you see how a box with a 4 pixel #BE74A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE74A9; -webkit-box-shadow:4px 4px  
4px 4px #BE74A9; box-shadow:4px 4px 4px  
4px #BE74A9 }
```

# Background

The CSS property to change the background color of an element to Hex BE74A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE74A9 }
```

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

```
.background{ background-color:#BE74A9 }
```

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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