

# Converting Colors

Hex(BA3B74)

Have a look what the booklet for  
Hex(BA3B74) contains.

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# Color

Hex(BA3B74)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA3B74
RGB	186, 59, 116
RGB Percent	73%, 23%, 45%
CMY	0.2706, 0.7686, 0.5451
CMYK	0.00, 0.68, 0.38, 0.27
HSL	333°, 52%, 48%
HSV	333°, 68%, 73%
XYZ	24.9661, 14.8280, 18.0692
YIQ	103.4710, 57.3950, 44.6510

# Conversions

## Conversions Part 2

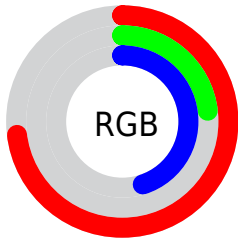
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 59, 116
Decimal	12204916
CIE <sub>Lab</sub>	45.40, 55.57, -4.05
CIE <sub>LCh</sub>	45, 55.716, 355.833
Yxy	14.8280, 0.4315, 0.2563
Android (android.graphics.Color)	4290394996 (0xFFBA3B74)
YUV	103.4710, 6.1768, 72.3779
Hunter-Lab	38.5071, 48.3428, -0.8665

# Details

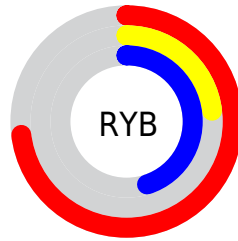
The Hex color **BA3B74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3BBA81**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F673A8**, and **800044** is the 20% darker color. If you saturate the color by 10%, you get **BA286A**, and if you desaturate by 10%, it is **BA4E7E**.

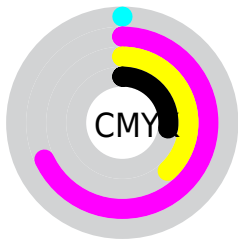
# Distribution



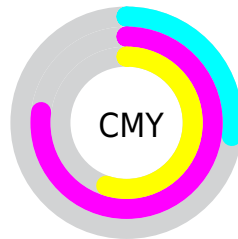
- Red (73%)
- Green (23%)
- Blue (45%)



- Red (73%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (38%)
- Black (27%)



- Cyan (27%)
- Magenta (77%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA3B74 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 BA3B74 by changing the saturation by 10% instead.



 BA3B74

 BA3B74

FFFFFF

 9D1B5B

 F673A8

 800044

 FF8EC3

 64002E

 FFAADF

 490019

 FFC7FC

 2F0002

 FFE4FF

 000000

 BA3B74

 BA3B74

 BA286A

 BA4E7E

 BA165F

 BA6089

 BA0355

 BA7393

 BA0053

 BA859D

 BA98A7

 BAABB2

 BABDBC

 BAD0C6

 BAE2D0

# Harmonies

## Analogous

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



9D4CA0



BA3B74



BC4046

# Triad

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



BA3B74



5A7502



007DB8

# Complementary

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



BA3B74



3BBA81

# 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.



008193



BA3B74



047D34

# Square

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



BA3B74



876700



008063



0073C9

# Rectangle

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



BA3B74



B14D2A



008063



007FAE



# Sweetspot

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



BA3B74



F2C2D8



813BBA



7A5D6A



F9FAFA



7A7A7A



# Same Dimension

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



BA3B74



F22C85



BA413B



5C5357



9C0046



1C000D



# Inverse Universe

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



BA3B74



F22C85



3BB4BA



5C5357



9C0046



1C000D



# Previews

## White Background



This preview shows how the Hex color BA3B74 looks on a white background.

## Color Contrast Check

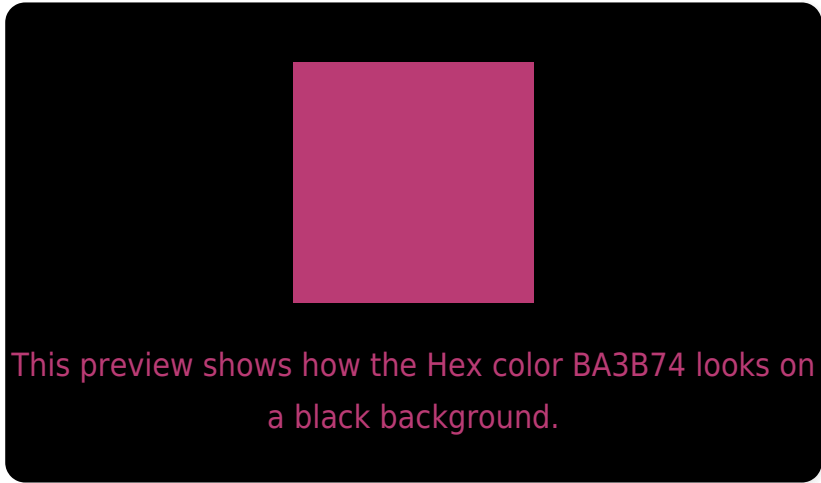
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA3B74 Background



This preview shows how black text looks on a background with the Hex color BA3B74.

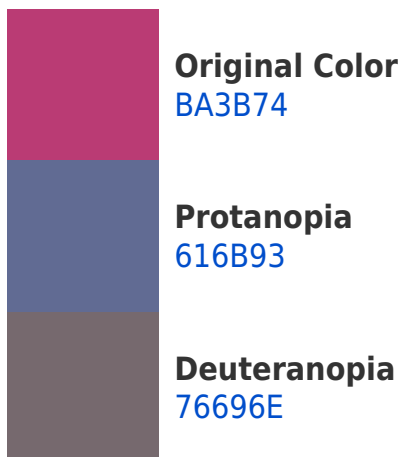



This preview shows how white text looks on a background with the Hex color BA3B74.

# 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](#).

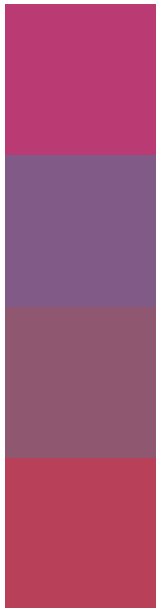
## Dichromacy





**Tritanopia**  
B74549

# Trichromacy



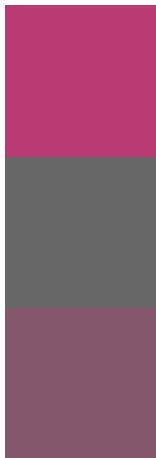
**Original Color**  
BA3B74

**Protanomaly**  
815A88

**Deuteranomaly**  
8F5870

**Tritanomaly**  
B84159

# Monochromacy



**Original Color**  
BA3B74

**Achromatopsia**  
676767

**Achromatomaly**  
85576C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA3B74 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 #BA3B74 looks like.

```
.text, #text, p{  
    color:#BA3B74  
}
```

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 #BA3B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA3B74
}
```

## Border

The CSS property to change the border of an element to Hex BA3B74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

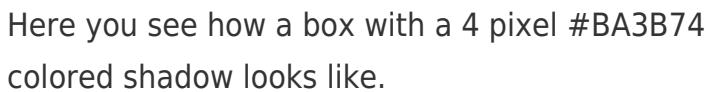
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA3B74 }
```

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

```
.border{ border-color:#BA3B74 }
```

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



Here you see how a box with a 4 pixel `#BA3B74` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA3B74; -webkit-box-shadow:4px 4px  
4px 4px #BA3B74; box-shadow:4px 4px 4px  
4px #BA3B74 }
```

# Background

The CSS property to change the background color of an element to Hex BA3B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA3B74 }
```

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

```
.background{ background-color:#BA3B74 }
```

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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