

# Converting Colors

Hex(B34C74)

Have a look what the booklet for  
Hex(B34C74) contains.

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**Color**

**Hex(B34C74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B34C74
RGB	179, 76, 116
RGB Percent	70%, 30%, 45%
CMY	0.2980, 0.7020, 0.5451
CMYK	0.00, 0.58, 0.35, 0.30
HSL	337°, 40%, 50%
HSV	337°, 58%, 70%
XYZ	24.3272, 16.0135, 18.3317
YIQ	111.3570, 48.5480, 34.2760

# Conversions

## Conversions Part 2

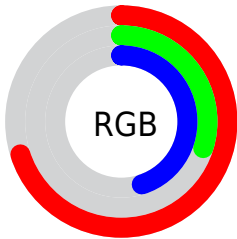
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 76, 116
Decimal	11750516
CIE <sub>Lab</sub>	46.99, 45.94, -1.83
CIE <sub>LCh</sub>	47, 45.977, 357.720
Yxy	16.0135, 0.4146, 0.2729
Android (android.graphics.Color)	4289940596 (0xFFB34C74)
YUV	111.3570, 2.2890, 59.3229
Hunter-Lab	40.0169, 38.4847, 0.8511

# Details

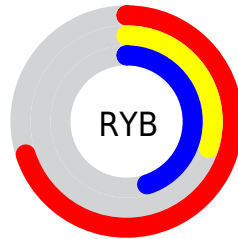
The Hex color **B34C74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4CB38B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EE81A8**, and **7B1444** is the 20% darker color. If you saturate the color by 10%, you get **B33A69**, and if you desaturate by 10%, it is **B35E7F**.

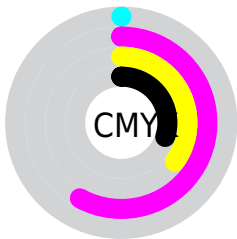
# Distribution



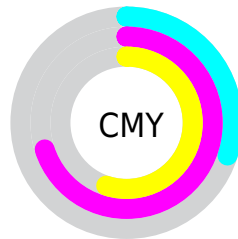
- Red (70%)
- Green (30%)
- Blue (45%)



- Red (70%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B34C74 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 B34C74 by changing the saturation by 10% instead.



 B34C74

 B34C74

FFFFFF

 97315B

 EE81A8

 7B1444

 FF9CC3

 5F002E

 FFB8DF

 440019

 FFD4FC

 2D0001

 FFF1FF

 000000

 B34C74

 B34C74

 B33A69

 B35E7F

 B3285E

 B3708A

 B31653

 B38295

 B30448

 B394A0

 B30046

 B3A5AB

 B3B7B6

 B3C9C1

 B3DBCC

 B3EDD7

# Harmonies

## Analogous

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



9C5699



B34C74



B4504E

# Triad

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



B34C74



607826



007E80

# Complementary

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



B34C74



4CB38B

# 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.



008292



B34C74



2B7F44

# Square

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



B34C74



876C1C



00826B



0075BD

# Rectangle

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



B34C74



AB5937



00826B



0080A8



# Sweetspot

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



B34C74



E8C1D0



8A4CB3



755E67



F5F5F5



757575



# Same Dimension

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



B34C74



E84886



B3564C



595054



99003B



1A000A



# Inverse Universe

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



B34C74



E84886



4CA9B3



595054



99003B

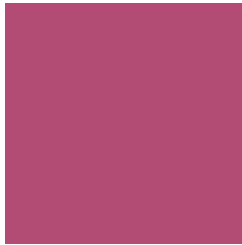


1A000A



# Previews

## White Background



This preview shows how the Hex color B34C74 looks on a white background.

## Color Contrast Check

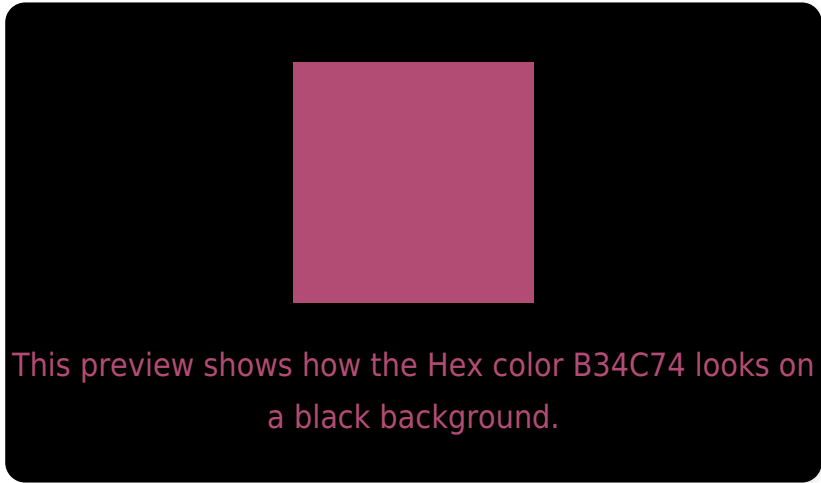
Large Text (above 18pt) WCAG AA ✓ Pass

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

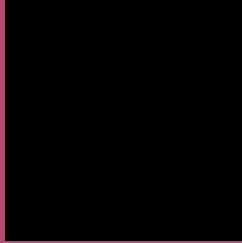
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B34C74 Background



This preview shows how black text looks on a background with the Hex color B34C74.



This preview shows how white text looks on a background with the Hex color B34C74.

# 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**  
B15257

# Trichromacy



**Original Color**  
B34C74

**Protanomaly**  
856282

**Deuteranomaly**  
8F6071

**Tritanomaly**  
B25062

# Monochromacy



**Original Color**  
B34C74

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
886271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B34C74 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 #B34C74 looks like.

```
.text, #text, p{  
    color:#B34C74  
}
```

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 #B34C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34C74
}
```

## Border

The CSS property to change the border of an element to Hex B34C74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

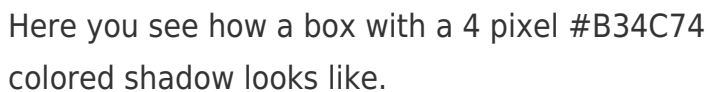
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B34C74 }
```

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

```
.border{ border-color:#B34C74 }
```

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



Here you see how a box with a 4 pixel #B34C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34C74; -webkit-box-shadow:4px 4px  
4px 4px #B34C74; box-shadow:4px 4px 4px  
4px #B34C74 }
```

# Background

The CSS property to change the background color of an element to Hex B34C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34C74 }
```

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

```
.background{ background-color:#B34C74 }
```

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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