

# Converting Colors

Hex(BC86B4)

Have a look what the booklet for  
Hex(BC86B4) contains.

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# **Color**

**Hex(BC86B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC86B4
RGB	188, 134, 180
RGB Percent	74%, 53%, 71%
CMY	0.2627, 0.4745, 0.2941
CMYK	0.00, 0.29, 0.04, 0.26
HSL	309°, 29%, 63%
HSV	309°, 29%, 74%
XYZ	37.5024, 31.0368, 47.1941
YIQ	155.3900, 17.4180, 25.7540

# Conversions

## Conversions Part 2

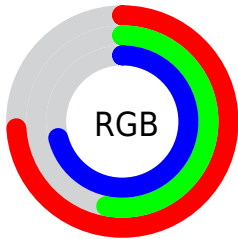
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 134, 180
Decimal	12355252
CIELab	62.54, 28.20, -15.95
CIElCh	63, 32.395, 330.511
Yxy	31.0368, 0.3240, 0.2682
Android (android.graphics.Color)	4290545332 (0xFFBC86B4)
YUV	155.3900, 12.1327, 28.5990
Hunter-Lab	55.7107, 22.6657, -11.2287

# Details

The Hex color **BC86B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86BC8E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F5BCEC**, and **86537F** is the 20% darker color. If you saturate the color by 10%, you get **BC73B1**, and if you desaturate by 10%, it is **BC99B7**.

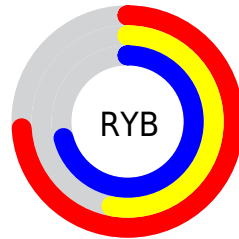
# Distribution



Red (74%)

Green (53%)

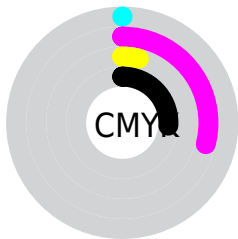
Blue (71%)



Red (74%)

Yellow (53%)

Blue (71%)

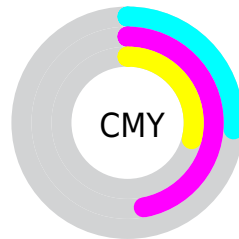


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC86B4 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 BC86B4 by changing the saturation by 10% instead.



 BC86B4

 BC86B4

FFFFFF

 A16C99

 F5BCEC

 86537F

 FFD8FF

 6C3B66

 FFF4FF

 53244E

 3B0D37

 260022

 000008

 000000

 BC86B4

 BC86B4

 BC73B1

 BC99B7

 BC60AE

 BCACBA

 BC4EAC

 BCBEBC

 BC3BA9

 BCD1BF

 BC28A6

 BCE4C2

 BC15A3

 BCF7C5

 BC02A1

 BCFFC7

 BC00A0

 BCFFCA

 BCFFCD

# Harmonies

## Analogous

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



9B90C9



BC86B4



CD8198

# Triad

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



BC86B4



AA965D



2BA6B3

# Complementary

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



BC86B4



86BC8E

# 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.



45A797



BC86B4



8C9E65

# Square

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



BC86B4



C28C66



6AA47A



41A2C9

# Rectangle

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



BC86B4



D08284



6AA47A



30A7AA



# Sweetspot

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



BC86B4



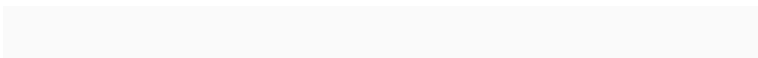
F5DFF2



8D86BC



7A6D78



FAFAFA



7A7A7A



# Same Dimension

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



BC86B4



F5A2E8



BC869A



5E555D



9E0087



1F001A



# Inverse Universe

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



BC86B4



F5A2E8



86BCA8



5E555D



9E0087

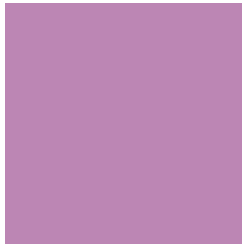


1F001A



# Previews

## White Background



This preview shows how the Hex color BC86B4 looks on a white background.

## Color Contrast Check

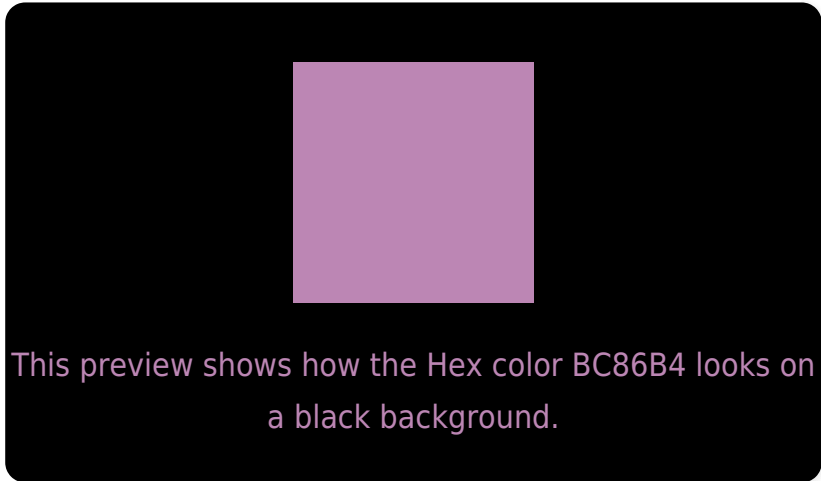
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex BC86B4 Background



This preview shows how black text looks on a background with the Hex color BC86B4.



This preview shows how white text looks on a background with the Hex color BC86B4.

# 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**  
B88C96

# Trichromacy



**Original Color**  
BC86B4

**Protanomaly**  
9E90BB

**Deuteranomaly**  
A68FB2

**Tritanomaly**  
B98AA1

# Monochromacy



**Original Color**  
BC86B4

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A793A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC86B4 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 #BC86B4 looks like.

```
.text, #text, p{  
    color:#BC86B4  
}
```

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 #BC86B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC86B4
}
```

## Border

The CSS property to change the border of an element to Hex BC86B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

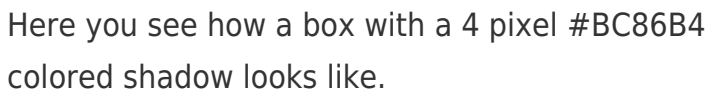
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC86B4 }
```

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

```
.border{ border-color:#BC86B4 }
```

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



Here you see how a box with a 4 pixel `#BC86B4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC86B4; -webkit-box-shadow:4px 4px  
4px 4px #BC86B4; box-shadow:4px 4px 4px  
4px #BC86B4 }
```

# Background

The CSS property to change the background color of an element to Hex BC86B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC86B4 }
```

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

```
.background{ background-color:#BC86B4 }
```

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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