

# Converting Colors

Hex(BC107E)

Have a look what the booklet for  
Hex(BC107E) contains.

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# Color

**Hex(BC107E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC107E
RGB	188, 16, 126
RGB Percent	74%, 6%, 49%
CMY	0.2627, 0.9373, 0.5059
CMYK	0.00, 0.91, 0.33, 0.26
HSL	322°, 84%, 40%
HSV	322°, 91%, 74%
XYZ	24.6902, 12.5683, 20.8633
YIQ	79.9680, 67.2020, 70.6740

# Conversions

## Conversions Part 2

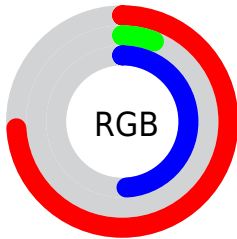
Format	Color
R <sub>Y</sub> B	188, 16, 126
Decimal	12324990
CIE <sub>Lab</sub>	42.11, 68.58, -15.12
CIE <sub>LCh</sub>	42, 70.223, 347.566
Y <sub>xy</sub>	12.5683, 0.4248, 0.2162
Android (android.graphics.Color)	4290515070 (0xFFBC107E)
Y <sub>UV</sub>	79.9680, 22.6938, 94.7441
Hunter-Lab	35.4518, 62.2747, -10.0757

# Details

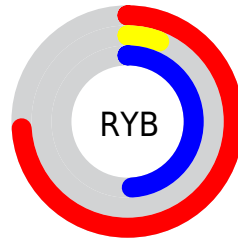
The Hex color **BC107E** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **10BC4E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F85AB3**, and **81004D** is the 20% darker color. If you saturate the color by 10%, you get **BC0078**, and if you desaturate by 10%, it is **BC2385**.

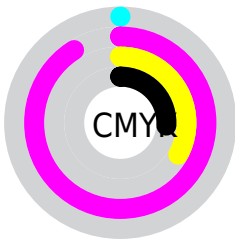
# Distribution



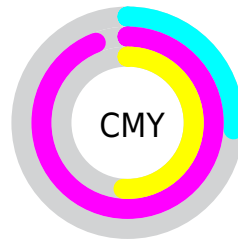
- Red (74%)
- Green (6%)
- Blue (49%)



- Red (74%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (91%)
- Yellow (33%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC107E 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 BC107E by changing the saturation by 10% instead.




 BC107E

 BC107E

FFFFFF

 9E0065

 F85AB3

 81004D

 FF77CE

 650036

 FF94EB

 490021

 FFB1FF

 2E0005

 FFCEFF

 000000

 FFECFF

 BC107E

 BC107E

 BC0078

 BC2385

 BC368C

 BC4892

 BC5B99

 BC6EA0

 BC81A7

 BC94AD

 BCA6B4

 BCB9BB

# Harmonies

## Analogous

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



8E3FB3



BC107E



C50A45

# Triad

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



BC107E



5A6B00



007AB9

# Complementary

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



BC107E



10BC4E

# 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.



007C85



BC107E



007500

# Square

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



BC107E



8D5800



007A48



0072D6

# Rectangle

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



BC107E



BC2C1F



007A48



007BA9



# Sweetspot

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



BC107E



F5B3DD



4C10BC



7A536C



FAFAFA



7A7A7A



# Same Dimension

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



BC107E



F5009D



BC102A



5E555B



9E0065



1F0014



# Inverse Universe

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



BC107E



F5009D



10BCA2



5E555B



9E0065



1F0014



# Previews

## White Background



This preview shows how the Hex color BC107E looks on a white background.

## Color Contrast Check

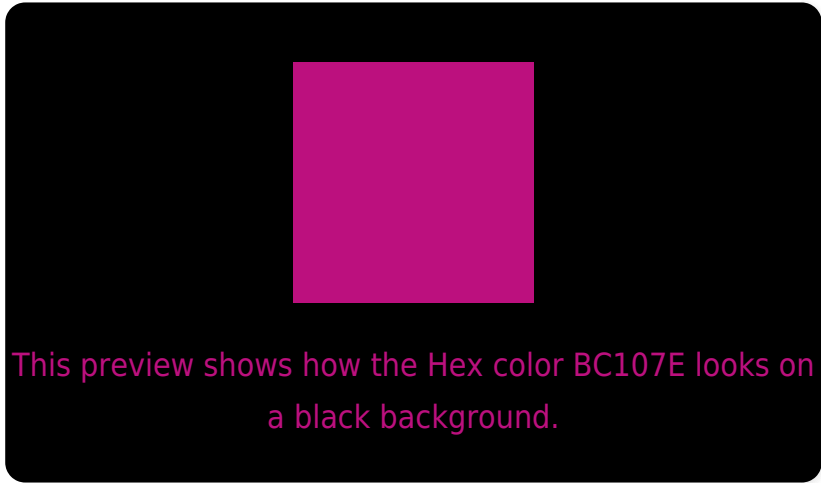
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC107E Background



This preview shows how black text looks on a background with the Hex color BC107E.



This preview shows how white text looks on a background with the Hex color BC107E.

# 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**  
B73335

# Trichromacy



**Original Color**  
BC107E



**Protanomaly**  
6D449F



**Deuteranomaly**  
864579



**Tritanomaly**  
B92650

# Monochromacy



**Original Color**  
BC107E



**Achromatopsia**  
505050



**Achromatomaly**  
773961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC107E 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 #BC107E looks like.

```
.text, #text, p{  
    color:#BC107E  
}
```

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 #BC107E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC107E
}
```

## Border

The CSS property to change the border of an element to Hex BC107E 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
#BC107E }
```

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

```
.border{ border-color:#BC107E }
```

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

Here you see how a box with a 4 pixel #BC107E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC107E; -webkit-box-shadow:4px 4px  
4px 4px #BC107E; box-shadow:4px 4px 4px  
4px #BC107E }
```

# Background

The CSS property to change the background color of an element to Hex BC107E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC107E }
```

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

```
.background{ background-color:#BC107E }
```

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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