

# Converting Colors

Hex(BC16A7)

Have a look what the booklet for  
Hex(BC16A7) contains.

<b>Hex(BC16A7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BC16A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC16A7
RGB	188, 22, 167
RGB Percent	74%, 9%, 65%
CMY	0.2627, 0.9137, 0.3451
CMYK	0.00, 0.88, 0.11, 0.26
HSL	308°, 79%, 41%
HSV	308°, 88%, 74%
XYZ	28.0010, 14.0552, 37.7963
YIQ	88.1640, 52.3910, 80.2870

# Conversions

## Conversions Part 2

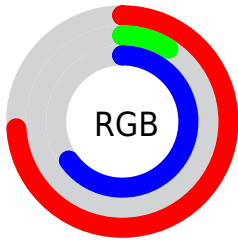
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 22, 167
Decimal	12326567
CIELab	44.31, 72.73, -36.57
CIELCh	44, 81.409, 333.304
Yxy	14.0552, 0.3507, 0.1760
Android (android.graphics.Color)	4290516647 (0xFFBC16A7)
YUV	88.1640, 38.8661, 87.5562
Hunter-Lab	37.4903, 67.7114, -33.5308

# Details

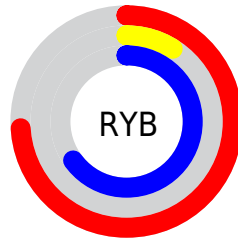
The Hex color **BC16A7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16BC2B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F85EDF**, and **820072** is the 20% darker color. If you saturate the color by 10%, you get **BC03A5**, and if you desaturate by 10%, it is **BC29A9**.

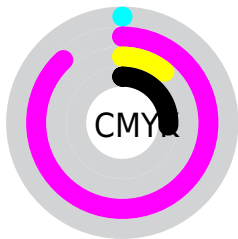
# Distribution



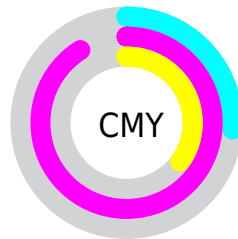
- Red (74%)
- Green (9%)
- Blue (65%)



- Red (74%)
- Yellow (9%)
- Blue (65%)



- Cyan (0%)
- Magenta (88%)
- Yellow (11%)
- Black (26%)



- Cyan (26%)
- Magenta (91%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC16A7 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 BC16A7 by changing the saturation by 10% instead.



 BC16A7

 BC16A7

FFFFFF

 9F008C

 F85EDF

 820072

 FF7BFB

 660059

 FF98FF

 4A0041

 FFB6FF

 2F002B

 FFD3FF

 020014

 FFF1FF

 000000

 BC16A7

 BC16A7

 BC03A5

 BC29A9

 BC00A4

 BC3CAC

 BC4EAE

 BC61B1

 BC74B3

 BC87B5

 BC9AB8

 BCACBA

 BCBFBC

# Harmonies

## Analogous

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



6752DC



BC16A7



D90065

# Triad

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



BC16A7



7A6900



0084B2

# Complementary

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



BC16A7



16BC2B

# 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.



00846F



BC16A7



2E7900

# Square

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



BC16A7



AE4C00



008025



007FE3

# Rectangle

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



BC16A7



D70039



008025



00849D



# Sweetspot

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



BC16A7



F5B5ED



2916BC



7A5476



F9FAFA



7A7A7A



# Same Dimension

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



BC16A7



F500D6



BC1656



5E555D



9E008A



1F001B



# Inverse Universe

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



BC16A7



F500D6



16BC7C



5E555D



9E008A



1F001B



# Previews

## White Background



This preview shows how the Hex color BC16A7 looks on a white background.

## Color Contrast Check

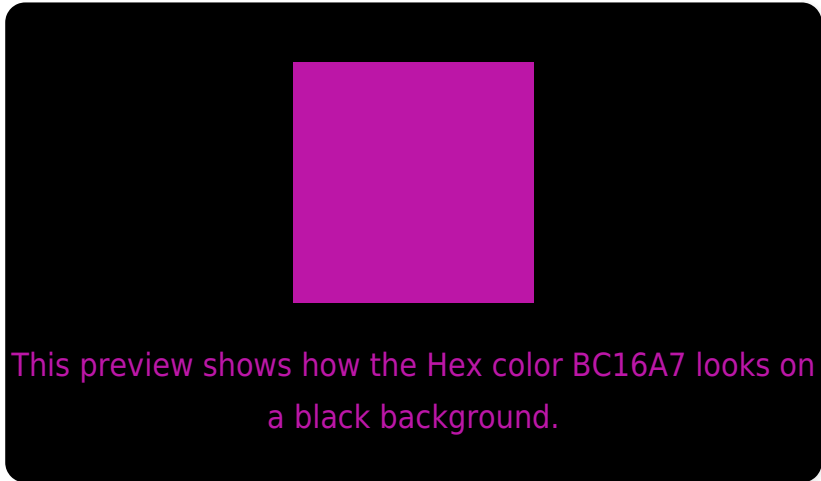
Large Text (above 18pt) WCAG AA ✓ Pass

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

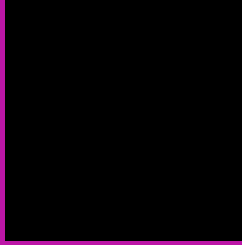
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC16A7 Background



This preview shows how black text looks on a background with the Hex color BC16A7.




This preview shows how white text looks on a background with the Hex color BC16A7.

# 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**  
B34448

# Trichromacy



**Original Color**  
BC16A7



**Protanomaly**  
4449C7



**Deuteranomaly**  
7A4BA1



**Tritanomaly**  
B6336B

# Monochromacy



**Original Color**  
BC16A7



**Achromatopsia**  
585858



**Achromatomaly**  
7C4075

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC16A7 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 #BC16A7 looks like.

```
.text, #text, p{  
    color:#BC16A7  
}
```

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 #BC16A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC16A7
}
```

## Border

The CSS property to change the border of an element to Hex BC16A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

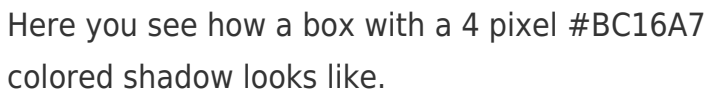
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC16A7 }
```

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

```
.border{ border-color:#BC16A7 }
```

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



Here you see how a box with a 4 pixel #BC16A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC16A7; -webkit-box-shadow:4px 4px  
4px 4px #BC16A7; box-shadow:4px 4px 4px  
4px #BC16A7 }
```

# Background

The CSS property to change the background color of an element to Hex BC16A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC16A7 }
```

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

```
.background{ background-color:#BC16A7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor