

# Converting Colors

Hex(BC6AA9)

Have a look what the booklet for  
Hex(BC6AA9) contains.

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# Color

Hex(**BC6AA9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC6AA9
RGB	188, 106, 169
RGB Percent	74%, 42%, 66%
CMY	0.2627, 0.5843, 0.3373
CMYK	0.00, 0.44, 0.10, 0.26
HSL	314°, 38%, 58%
HSV	314°, 44%, 74%
XYZ	33.0545, 23.8640, 40.4002
YIQ	137.7000, 28.6490, 36.9770

# Conversions

## Conversions Part 2

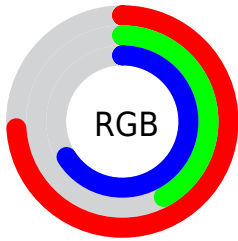
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 106, 169
Decimal	12348073
CIE <sub>Lab</sub>	55.95, 41.48, -19.66
CIE <sub>LCh</sub>	56, 45.904, 334.639
Y <sub>xy</sub>	23.8640, 0.3397, 0.2452
Android (android.graphics.Color)	4290538153 (0xFFBC6AA9)
YUV	137.7000, 15.4309, 44.1131
Hunter-Lab	48.8508, 35.2917, -14.8379

# Details

The Hex color **BC6AA9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ABC7D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F69FE0**, and **853775** is the 20% darker color. If you saturate the color by 10%, you get **BC57A5**, and if you desaturate by 10%, it is **BC7DAD**.

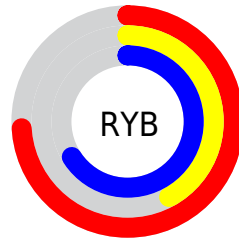
# Distribution



Red (74%)

Green (42%)

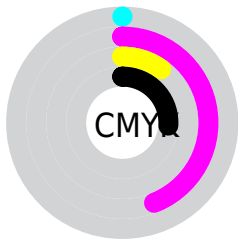
Blue (66%)



Red (74%)

Yellow (42%)

Blue (66%)

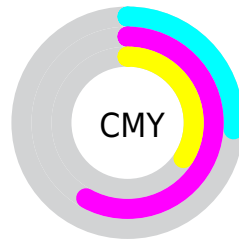


Cyan (0%)

Magenta (44%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC6AA9 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 BC6AA9 by changing the saturation by 10% instead.



 BC6AA9

 BC6AA9

FFFFFF

 A0508E

 F69FE0

 853775

 FFBBFD

 6A1D5C

 FFD7FF

 510044

 FFF4FF

 38002E

 200019

 000000

 BC6AA9

 BC6AA9

 BC57A5

 BC7DAD

 BC44A0

 BC90B2

 BC329C

 BCA2B6

 BC1F98

 BCB5BA

 BC0C93

 BCC8BF

 BC0090

 BCDDBC3

 BCEEC7

 BCFFCC

 BCFFD0

# Harmonies

## Analogous

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



9179C8



BC6AA9



CF6381

# Triad

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



BC6AA9



978633



0099B2

# Complementary

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



BC6AA9



6ABC7D

# 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.



009A8B



BC6AA9



6D9141

# Square

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



BC6AA9



B8783E



349762



0093CE

# Rectangle

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



BC6AA9



D06667



349762



009AA6



# Sweetspot

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



BC6AA9



F5D5ED



7C6ABC



7A6776



FAFAFA



7A7A7A



# Same Dimension

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



BC6AA9



F576D7



BC6A81



5E555C



9E0079



1F0018



# Inverse Universe

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



BC6AA9



F576D7



6ABCA5



5E555C



9E0079



1F0018



# Previews

## White Background



This preview shows how the Hex color BC6AA9 looks on a white background.

## Color Contrast Check

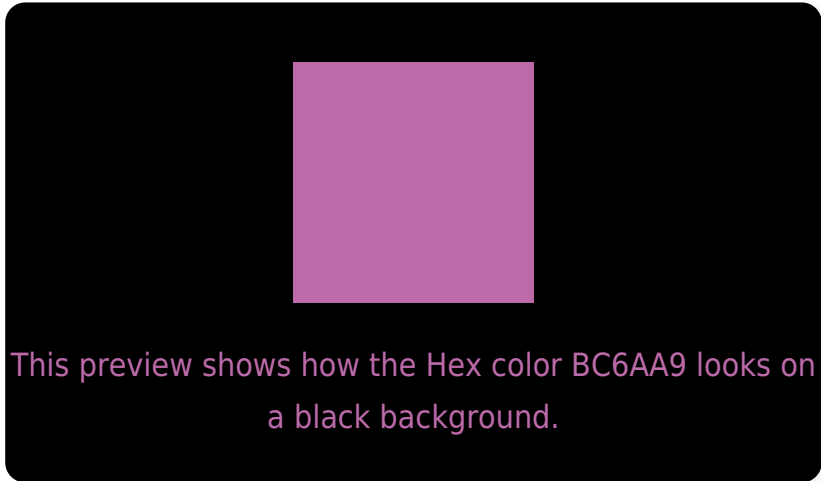
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

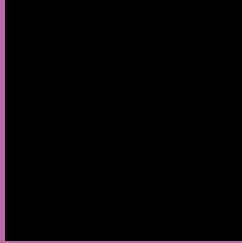
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC6AA9 Background



This preview shows how black text looks on a background with the Hex color BC6AA9.

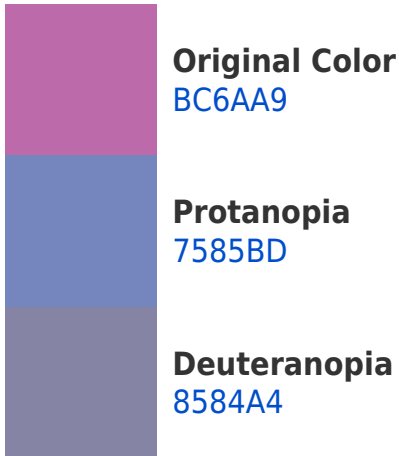


This preview shows how white text looks on a background with the Hex color BC6AA9.

# 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](#).

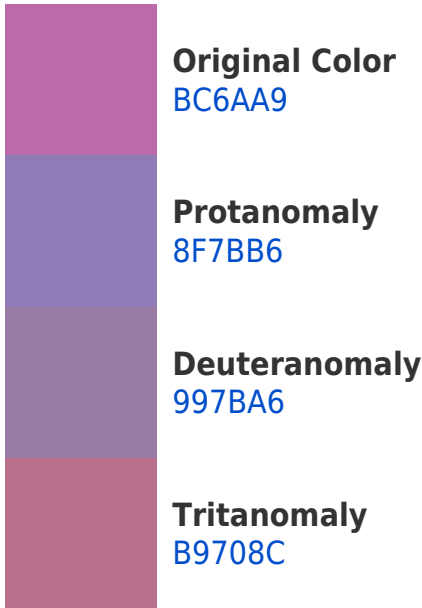
## Dichromacy



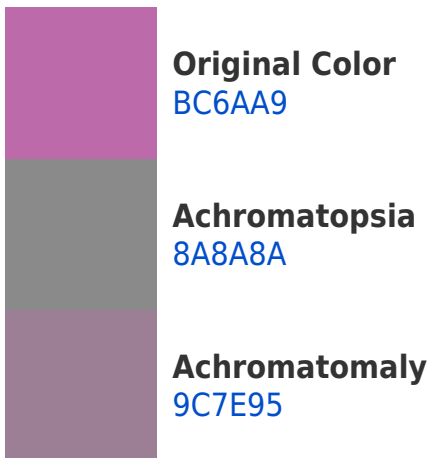


**Tritanopia**  
B7737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC6AA9 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 #BC6AA9 looks like.

```
.text, #text, p{  
    color:#BC6AA9  
}
```

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 #BC6AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6AA9
}
```

## Border

The CSS property to change the border of an element to Hex BC6AA9 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
#BC6AA9 }
```

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

```
.border{ border-color:#BC6AA9 }
```

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

Here you see how a box with a 4 pixel #BC6AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6AA9; -webkit-box-shadow:4px 4px  
4px 4px #BC6AA9; box-shadow:4px 4px 4px  
4px #BC6AA9 }
```

# Background

The CSS property to change the background color of an element to Hex BC6AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6AA9 }
```

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

```
.background{ background-color:#BC6AA9 }
```

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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