

Converting Colors

Hex(BC4989)

Have a look what the booklet for
Hex(BC4989) contains.

Hex(BC4989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC4989)

Conversions

Conversions Part 1

Format	Color
Hex	BC4989
RGB	188, 73, 137
RGB Percent	74%, 29%, 54%
CMY	0.2627, 0.7137, 0.4627
CMYK	0.00, 0.61, 0.27, 0.26
HSL	327°, 46%, 51%
HSV	327°, 61%, 74%
XYZ	27.6369, 17.2626, 25.5423
YIQ	114.6810, 47.9960, 44.2840

Conversions

Conversions Part 2

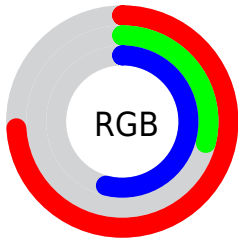
Format	Color
R_{YB}	188, 73, 137
Decimal	12339593
CIE _{Lab}	48.59, 52.85, -11.99
CIE _{LCh}	49, 54.189, 347.220
Yxy	17.2626, 0.3923, 0.2451
Android (android.graphics.Color)	4290529673 (0xFFBC4989)
YUV	114.6810, 11.0033, 64.3008
Hunter-Lab	41.5483, 46.0245, -7.3654

Details

The Hex color **BC4989** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **49BC7C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F77FBE**, and **830757** is the 20% darker color. If you saturate the color by 10%, you get **BC3681**, and if you desaturate by 10%, it is **BC5C91**.

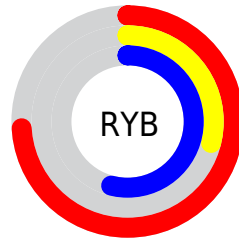
Distribution



Red (74%)

Green (29%)

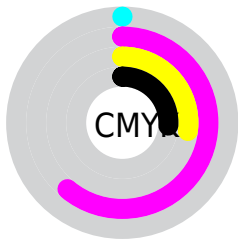
Blue (54%)



Red (74%)

Yellow (29%)

Blue (54%)

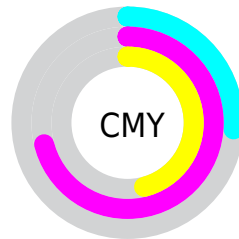


Cyan (0%)

Magenta (61%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (71%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC4989 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 BC4989 by changing the saturation by 10% instead.

 BC4989

 BC4989

FFFFFF

 9F2D70

 F77FBE

 830757

 FF9BDA

 680040

 FFB7F7

 4C002A

 FFD4FF

 340015

 FFF1FF

 0A0000

 000000

 BC4989

 BC4989

 BC3681

 BC5C91

 BC2378

 BC6F9A

 BC1170

 BC81A2

 BC0069

 BC94AA

 BCA7B3

 BCBABB

 BCCDC3

 BCDFCC

 BCF2D4

Harmonies

Analogous

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



975BB2



BC4989



C6475B

Triad

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



BC4989



71790A



0086B6

Complementary

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



BC4989



49BC7C

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.



00898D



BC4989



398331

Square

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



BC4989



9A6A0D



00885E



007ECD

Rectangle

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



BC4989



BF513E



00885E



0088AA

Sweetspot

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



BC4989



F5C9E1



7B49BC



7A5F6E



FAFAFA



7A7A7A

Same Dimension

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



BC4989



F542A6



BC4951



5E555A



9E0058



1F0011

Inverse Universe

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



BC4989



F542A6



49BCB4



5E555A



9E0058



1F0011

Previews

White Background



This preview shows how the Hex color BC4989 looks on a white background.

Color Contrast Check

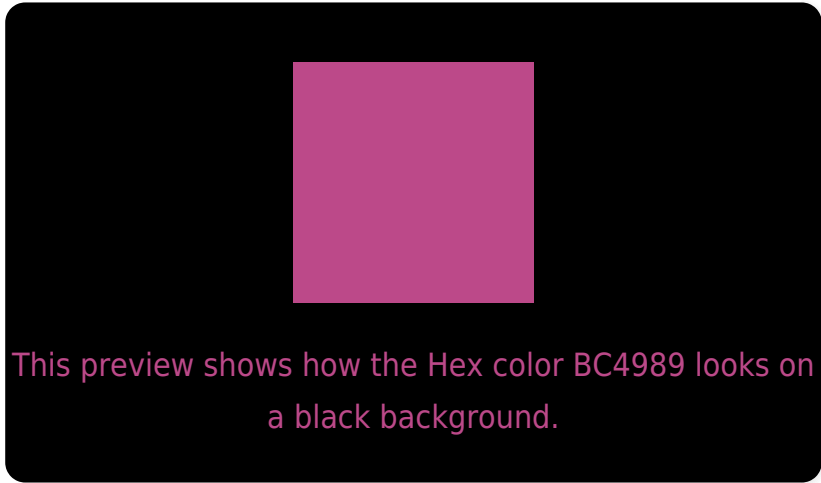
Large Text (above 18pt) WCAG AA ✓ Pass

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

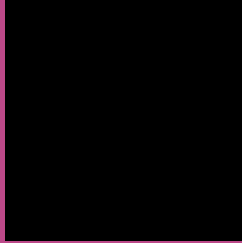
Any Text WCAG AA × Fail

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 BC4989 Background



This preview shows how black text looks on a background with the Hex color BC4989.

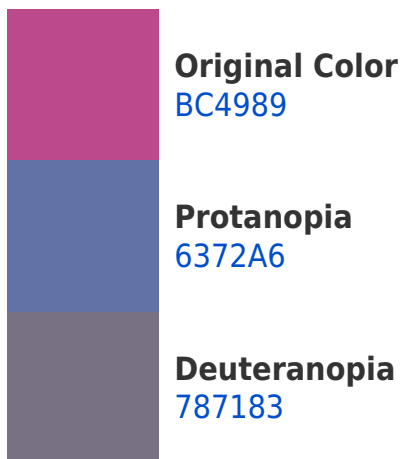



This preview shows how white text looks on a background with the Hex color BC4989.

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
B8545A

Trichromacy



Original Color
BC4989



Protanomaly
83639B



Deuteranomaly
916285

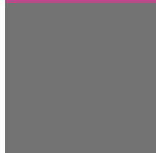


Tritanomaly
B9506B

Monochromacy



Original Color
BC4989



Achromatopsia
737373



Achromatomaly
8E647B

CSS Examples

Text

The CSS property to change the color of the text to Hex BC4989 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 #BC4989 looks like.

```
.text, #text, p{  
    color:#BC4989  
}
```

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 #BC4989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC4989
}
```

Border

The CSS property to change the border of an element to Hex BC4989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

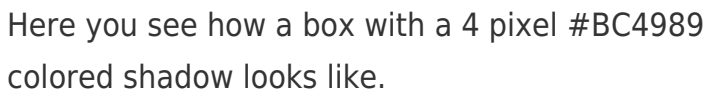
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC4989 }
```

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

```
.border{ border-color:#BC4989 }
```

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

A rectangular box with a 4px magenta shadow. The box is white with a thin magenta border and a thicker magenta shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BC4989 colored shadow looks like."

Here you see how a box with a 4 pixel #BC4989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC4989; -webkit-box-shadow:4px 4px  
4px 4px #BC4989; box-shadow:4px 4px 4px  
4px #BC4989 }
```

Background

The CSS property to change the background color of an element to Hex BC4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC4989 }
```

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

```
.background{ background-color:#BC4989 }
```

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