

Converting Colors

Hex(BB4999)

Have a look what the booklet for
Hex(BB4999) contains.

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Color

Hex(BB4999)

Conversions

Conversions Part 1

Format	Color
Hex	BB4999
RGB	187, 73, 153
RGB Percent	73%, 29%, 60%
CMY	0.2667, 0.7137, 0.4000
CMYK	0.00, 0.61, 0.18, 0.27
HSL	318°, 46%, 51%
HSV	318°, 61%, 73%
XYZ	28.6258, 17.6298, 32.0311
YIQ	116.2060, 42.2640, 49.0480

Conversions

Conversions Part 2

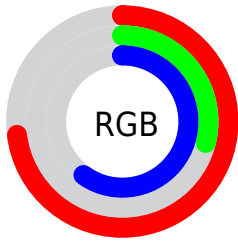
Format	Color
RYB	187, 73, 153
Decimal	12274073
CIELab	49.04, 54.79, -20.87
CIELCh	49, 58.631, 339.148
Yxy	17.6298, 0.3657, 0.2252
Android (android.graphics.Color)	4290464153 (0xFFBB4999)
YUV	116.2060, 18.1394, 62.0863
Hunter-Lab	41.9878, 48.2163, -15.8389

Details

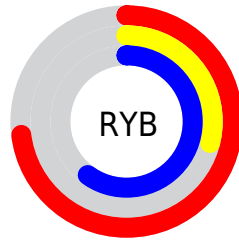
The Hex color **BB4999** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **49BB6B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F680CF**, and **830566** is the 20% darker color. If you saturate the color by 10%, you get **BB3693**, and if you desaturate by 10%, it is **BB5C9F**.

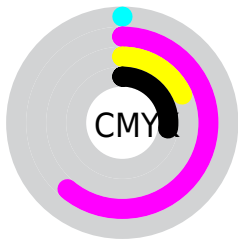
Distribution



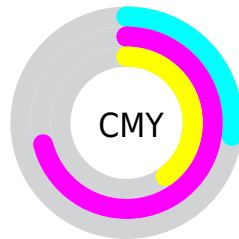
- Red (73%)
- Green (29%)
- Blue (60%)



- Red (73%)
- Yellow (29%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (18%)
- Black (27%)



- Cyan (27%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB4999 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 BB4999 by changing the saturation by 10% instead.

 BB4999

 BB4999

FFFFFF

 9E2C7F

 F680CF

 830566

 FF9BEC

 67004E

 FFB7FF

 4C0037

 FFD4FF

 350021

 FFF1FF

 100005

 000000

 BB4999

 BB4999

 BB3693

 BB5C9F

 BB248E

 BB6EA4

 BB1188

 BB81AA

 BB0083

 BB94AF

 BBA7B5

 BBB9BA

 BBCCCC

 BBDFC6

 BBF1CB

Harmonies

Analogous

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



8960C2



BB4999



CD4067

Triad

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



BB4999



7E7700



008AB2

Complementary

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



BB4999



49BB6B

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.



008B83



BB4999



48831E

Square

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



BB4999



A86509



00894F



0083D1

Rectangle

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



BB4999



CA4847



00894F



008BA4

Sweetspot

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



BB4999



F2C7E5



6949BB



7A5F72



FAFAFA



7A7A7A

Same Dimension

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



BB4999



F241BE



BB4962



5E555C



9E006F



1F0015

Inverse Universe

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



BB4999



F241BE



49BBA2



5E555C



9E006F



1F0015

Previews

White Background



This preview shows how the Hex color BB4999 looks on a white background.

Color Contrast Check

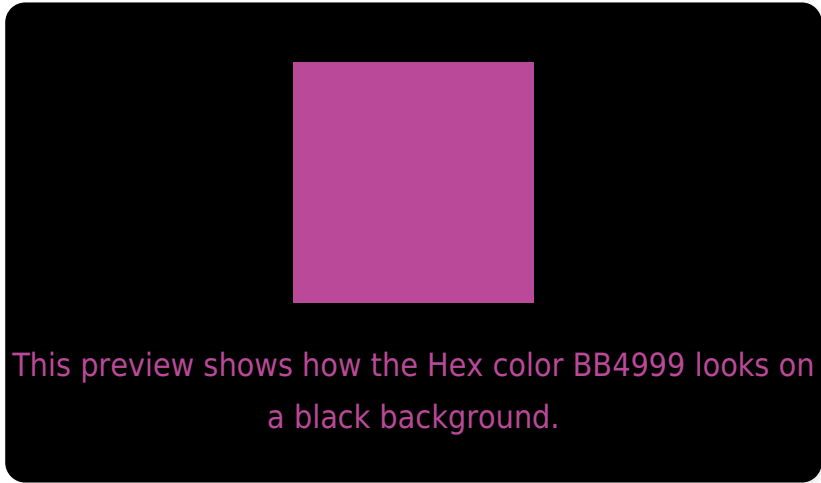
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 BB4999 Background



This preview shows how black text looks on a background with the Hex color BB4999.

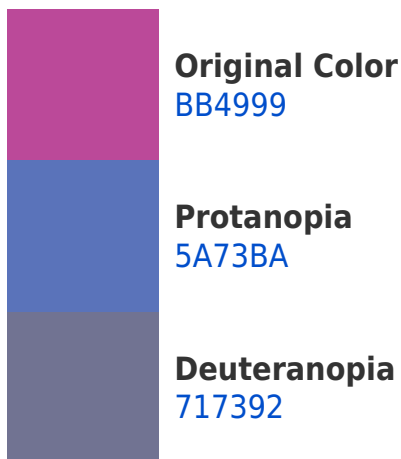


This preview shows how white text looks on a background with the Hex color BB4999.

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
B5585E

Trichromacy



Original Color
BB4999



Protanomaly
7D64AE



Deuteranomaly
8C6495



Tritanomaly
B75373

Monochromacy



Original Color
BB4999



Achromatopsia
747474



Achromatomaly
8E6481

CSS Examples

Text

The CSS property to change the color of the text to Hex BB4999 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 #BB4999 looks like.

```
.text, #text, p{  
    color:#BB4999  
}
```

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 #BB4999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4999
}
```

Border

The CSS property to change the border of an element to Hex BB4999 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
#BB4999 }
```

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

```
.border{ border-color:#BB4999 }
```

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

Here you see how a box with a 4 pixel #BB4999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4999; -webkit-box-shadow:4px 4px  
4px 4px #BB4999; box-shadow:4px 4px 4px  
4px #BB4999 }
```

Background

The CSS property to change the background color of an element to Hex BB4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4999 }
```

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

```
.background{ background-color:#BB4999 }
```

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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