

# Converting Colors

Hex(BB529C)

Have a look what the booklet for  
Hex(BB529C) contains.

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**Color**

**Hex(BB529C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB529C
RGB	187, 82, 156
RGB Percent	73%, 32%, 61%
CMY	0.2667, 0.6784, 0.3882
CMYK	0.00, 0.56, 0.17, 0.27
HSL	318°, 44%, 53%
HSV	318°, 56%, 73%
XYZ	29.5116, 18.9997, 33.5644
YIQ	121.8310, 38.8260, 45.2740

# Conversions

## Conversions Part 2

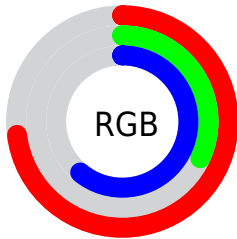
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 82, 156
Decimal	12276380
CIE <sub>Lab</sub>	50.69, 51.13, -20.13
CIE <sub>LCh</sub>	51, 54.950, 338.514
Yxy	18.9997, 0.3596, 0.2315
Android (android.graphics.Color)	4290466460 (0xFFBB529C)
YUV	121.8310, 16.8453, 57.1532
Hunter-Lab	43.5886, 44.5728, -15.1428

# Details

The Hex color **BB529C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **52BB71**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F588D3**, and **831969** is the 20% darker color. If you saturate the color by 10%, you get **BB3F96**, and if you desaturate by 10%, it is **BB65A2**.

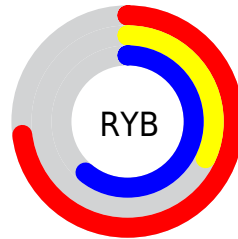
# Distribution



Red (73%)

Green (32%)

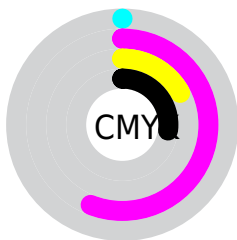
Blue (61%)



Red (73%)

Yellow (32%)

Blue (61%)

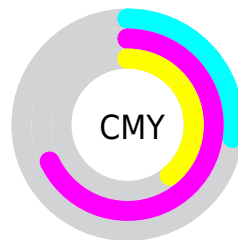


Cyan (0%)

Magenta (56%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (68%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB529C 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 BB529C by changing the saturation by 10% instead.



 BB529C

 BB529C

FFFFFF

 9F3782

 F588D3

 831969

 FFA3EF

 680050

 FFC0FF

 4D0039

 FFDCFF

 360024

 FFF9FF

 15000A

 000000

 BB529C

 BB529C

 BB3F96

 BB65A2

 BB2D91

 BB77A7

 BB1A8B

 BB8AAD

 BB0786

 BB9DB2

 BB0084

 BBB0B8

 BBC2BD

 BBD5C3

 BBE8C8

 BBFACE

# Harmonies

## Analogous

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



8C66C2



BB529C



CD4A6D

# Triad

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



BB529C



847B08



008DB2

# Complementary

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



BB529C



52BB71

# 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.



008F85



BB529C



518629

# Square

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



BB529C



AB6A1B



008C54



0087D0

# Rectangle

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



BB529C



CA514F



008C54



008EA4



# Sweetspot

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



BB529C



F2C9E6



7052BB



7A6273



FAFAFA



7A7A7A



# Same Dimension

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



BB529C



F250C2



BB5269



5E555C



9E006F



1F0016



# Inverse Universe

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



BB529C



F250C2



52BBA4



5E555C



9E006F



1F0016



# Previews

## White Background



This preview shows how the Hex color BB529C looks on a white background.

## Color Contrast Check

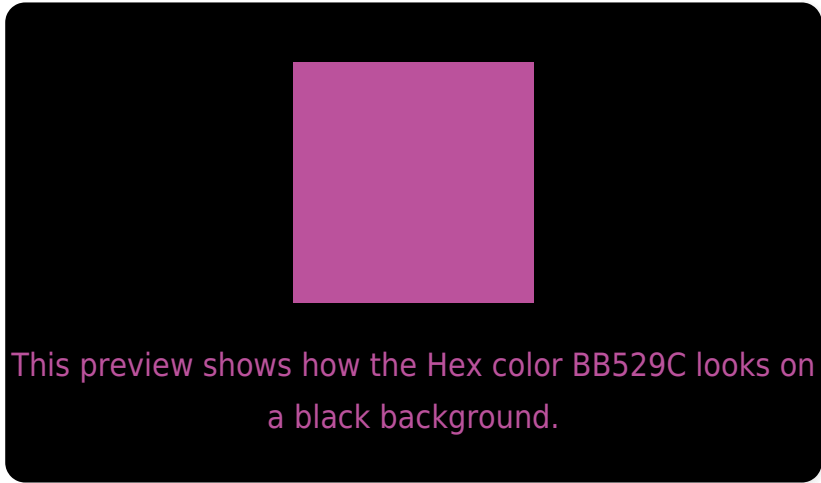
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB529C Background



This preview shows how black text looks on a background with the Hex color BB529C.

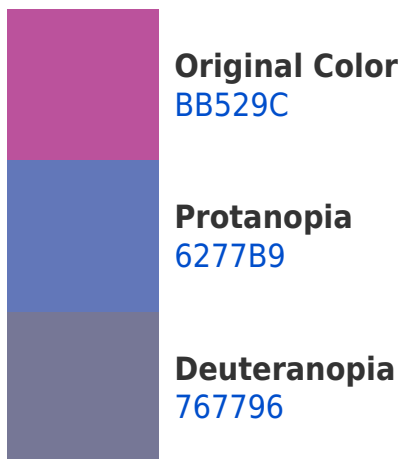


This preview shows how white text looks on a background with the Hex color BB529C.

# 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](#).

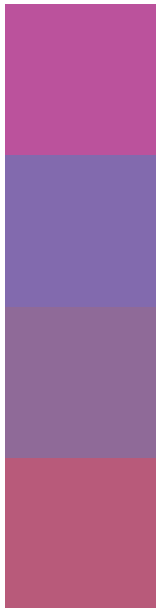
## Dichromacy





**Tritanopia**  
B65F66

# Trichromacy



**Original Color**  
BB529C

**Protanomaly**  
826AAE

**Deuteranomaly**  
8F6A98

**Tritanomaly**  
B85A7A

# Monochromacy



**Original Color**  
BB529C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
926B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB529C 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 #BB529C looks like.

```
.text, #text, p{  
    color:#BB529C  
}
```

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 #BB529C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB529C
}
```

## Border

The CSS property to change the border of an element to Hex BB529C 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
#BB529C }
```

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

```
.border{ border-color:#BB529C }
```

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

Here you see how a box with a 4 pixel #BB529C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB529C; -webkit-box-shadow:4px 4px  
4px 4px #BB529C; box-shadow:4px 4px 4px  
4px #BB529C }
```

# Background

The CSS property to change the background color of an element to Hex BB529C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB529C }
```

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

```
.background{ background-color:#BB529C }
```

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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