

# Converting Colors

Hex(BB2C9A)

Have a look what the booklet for  
Hex(BB2C9A) contains.

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# Color

**Hex(BB2C9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB2C9A
RGB	187, 44, 154
RGB Percent	73%, 17%, 60%
CMY	0.2667, 0.8275, 0.3961
CMYK	0.00, 0.76, 0.18, 0.27
HSL	314°, 62%, 45%
HSV	314°, 76%, 73%
XYZ	27.2269, 14.6993, 31.9741
YIQ	99.2970, 49.9180, 64.5260

# Conversions

## Conversions Part 2

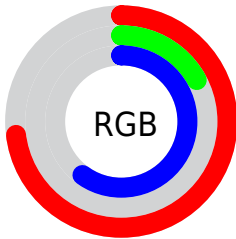
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 44, 154
Decimal	12266650
CIE <sub>Lab</sub>	45.22, 65.73, -27.39
CIE <sub>LCh</sub>	45, 71.202, 337.380
Yxy	14.6993, 0.3684, 0.1989
Android (android.graphics.Color)	4290456730 (0xFFBB2C9A)
YUV	99.2970, 26.9686, 76.9155
Hunter-Lab	38.3396, 59.6678, -22.6083

# Details

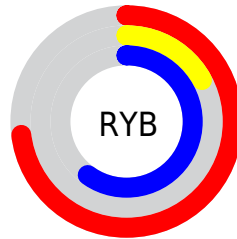
The Hex color **BB2C9A** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2CBB4D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F669D1**, and **820066** is the 20% darker color. If you saturate the color by 10%, you get **BB1996**, and if you desaturate by 10%, it is **BB3F9E**.

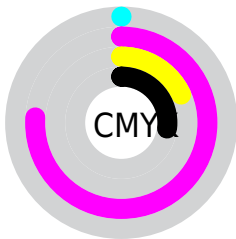
# Distribution



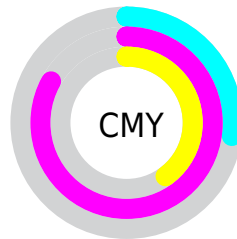
- Red (73%)
- Green (17%)
- Blue (60%)



- Red (73%)
- Yellow (17%)
- Blue (60%)



- Cyan (0%)
- Magenta (76%)
- Yellow (18%)
- Black (27%)



- Cyan (27%)
- Magenta (83%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB2C9A 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 BB2C9A by changing the saturation by 10% instead.



 BB2C9A

 BB2C9A

FFFFFF

 9E0080

 F669D1

 820066

 FF85ED

 66004E

 FFA2FF

 4A0037

 FFBFFF

 300021

 FFDCFF

 030005

 FFFAFF

 000000

 BB2C9A

 BB2C9A

 BB1996

 BB3F9E

■ BB0791

■ BB51A3

■ BB0090

■ BB64A7

■ BB77AB

■ BB89B0

■ BB9CB4

■ BBAFB8

■ BBC2BD

■ BBD4C1

# Harmonies

## Analogous

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



7B53CB



BB2C9A



D1105F

# Triad

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



BB2C9A



756D00



0083B2

# Complementary

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



BB2C9A



2CBB4D

# 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.



008479



BB2C9A



317B00

# Square

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



BB2C9A



A55600



00813A



007DDA

# Rectangle

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



BB2C9A



CD2739



00813A



0084A0



# Sweetspot

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



BB2C9A



F2BBE5



4B2CBB



7A5872



FAFAFA



7A7A7A



# Same Dimension

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



BB2C9A



F213BF



BB2C55



5E555C



9E007A



1F0018



# Inverse Universe

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



BB2C9A



F213BF



2CBB92



5E555C



9E007A



1F0018



# Previews

## White Background



This preview shows how the Hex color BB2C9A looks on a white background.

## Color Contrast Check

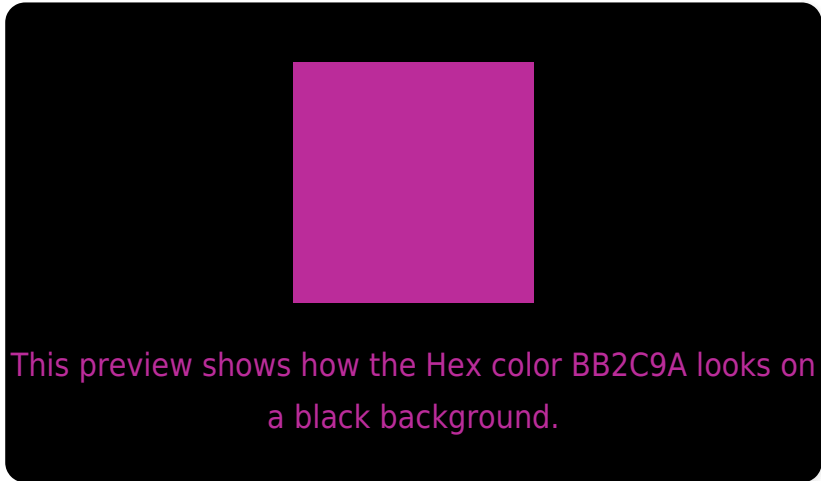
Large Text (above 18pt) WCAG AA ✓ Pass

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

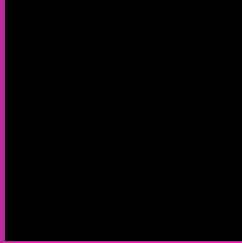
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB2C9A Background



This preview shows how black text looks on a background with the Hex color BB2C9A.

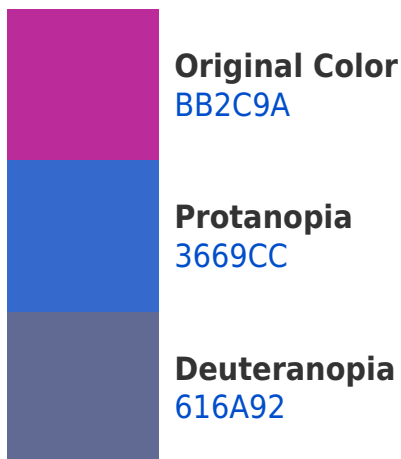


This preview shows how white text looks on a background with the Hex color BB2C9A.

# 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](#).

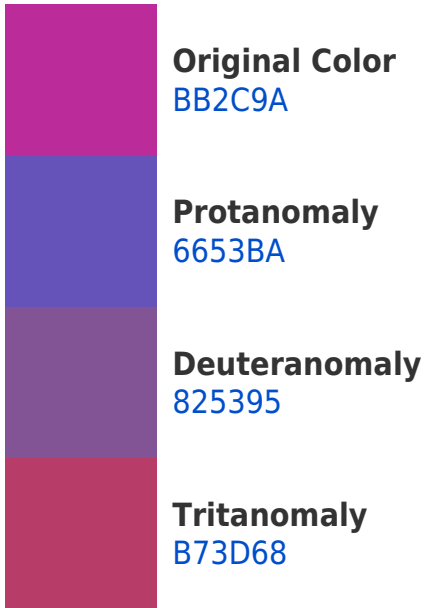
## Dichromacy



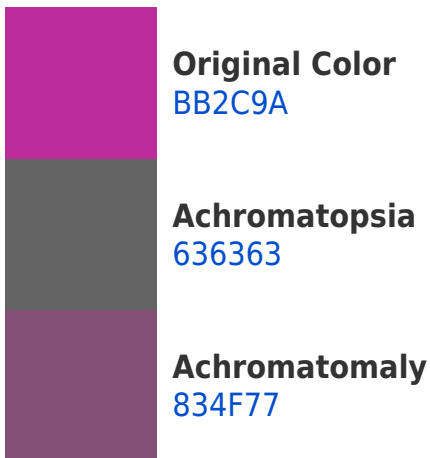


**Tritanopia**  
B4474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB2C9A 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 #BB2C9A looks like.

```
.text, #text, p{  
    color:#BB2C9A  
}
```

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 #BB2C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2C9A
}
```

## Border

The CSS property to change the border of an element to Hex BB2C9A 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
#BB2C9A }
```

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

```
.border{ border-color:#BB2C9A }
```

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

Here you see how a box with a 4 pixel #BB2C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2C9A; -webkit-box-shadow:4px 4px  
4px 4px #BB2C9A; box-shadow:4px 4px 4px  
4px #BB2C9A }
```

# Background

The CSS property to change the background color of an element to Hex BB2C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2C9A }
```

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

```
.background{ background-color:#BB2C9A }
```

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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