

# Converting Colors

Hex(BB2A9C)

Have a look what the booklet for  
Hex(BB2A9C) contains.

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# Color

Hex(BB2A9C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB2A9C
RGB	187, 42, 156
RGB Percent	73%, 16%, 61%
CMY	0.2667, 0.8353, 0.3882
CMYK	0.00, 0.78, 0.17, 0.27
HSL	313°, 63%, 45%
HSV	313°, 78%, 73%
XYZ	27.3222, 14.6210, 32.8346
YIQ	98.3510, 49.8260, 66.1940

# Conversions

## Conversions Part 2

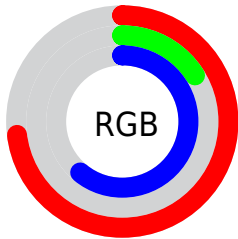
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 42, 156
Decimal	12266140
CIE <sub>Lab</sub>	45.11, 66.58, -28.75
CIE <sub>LCh</sub>	45, 72.522, 336.641
Yxy	14.6210, 0.3654, 0.1955
Android (android.graphics.Color)	4290456220 (0xFFBB2A9C)
YUV	98.3510, 28.4210, 77.7452
Hunter-Lab	38.2374, 60.6301, -24.1463

# Details

The Hex color **BB2A9C** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2ABB49**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F668D3**, and **820068** is the 20% darker color. If you saturate the color by 10%, you get **BB1798**, and if you desaturate by 10%, it is **BB3DA0**.

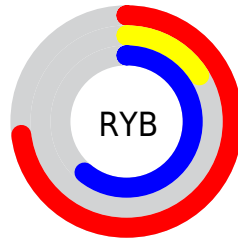
# Distribution



Red (73%)

Green (16%)

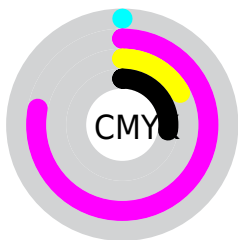
Blue (61%)



Red (73%)

Yellow (16%)

Blue (61%)

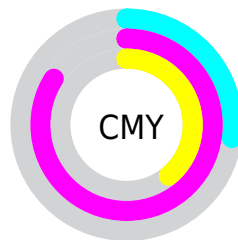


Cyan (0%)

Magenta (78%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (84%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB2A9C 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 BB2A9C by changing the saturation by 10% instead.



 BB2A9C

 BB2A9C

FFFFFF

 9E0082

 F668D3

 820068

 FF84EF

 660050

 FFA1FF

 4A0039

 FFBEFF

 300023

 FFDBFF

 030008

 FFF9FF

 000000

 BB2A9C

 BB2A9C

 BB1798

 BB3DA0

 BB0594

 BB4FA4

 BB0093

 BB62A8

 BB75AC

 BB88B0

 BB9AB4

 BBADB8

 BBC0BC

 BBD2C0

# Harmonies

## Analogous

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



7853CD



BB2A9C



D20460

# Triad

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



BB2A9C



766D00



0084B2

# Complementary

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



BB2A9C



2ABB49

# 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.



008477



BB2A9C



317A00

# Square

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



BB2A9C



A75500



008137



007EDB

# Rectangle

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



BB2A9C



CE2239



008137



0084A0



# Sweetspot

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



BB2A9C



F2BBE6



472ABB



7A5873



FAFAFA



7A7A7A



# Same Dimension

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



BB2A9C



F211C2



BB2A56



5E555C



9E007C



1F0018



# Inverse Universe

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



BB2A9C



F211C2



2ABB90



5E555C



9E007C



1F0018



# Previews

## White Background



This preview shows how the Hex color BB2A9C looks on a white background.

## Color Contrast Check

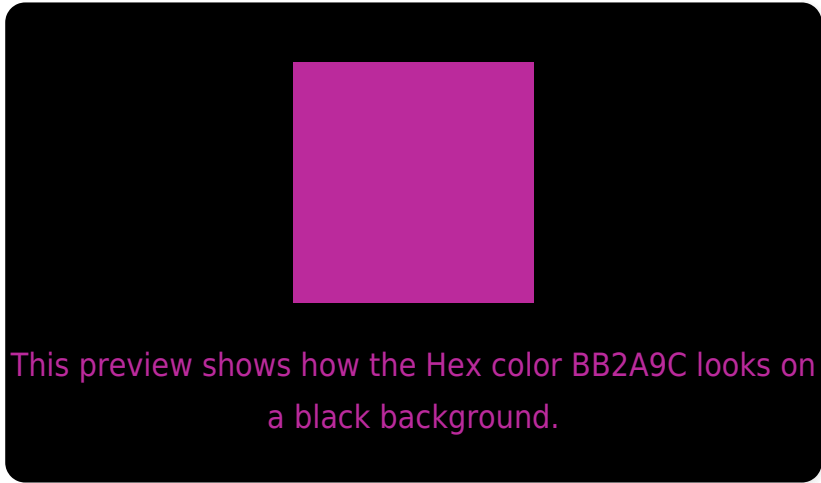
Large Text (above 18pt) WCAG AA ✓ Pass

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

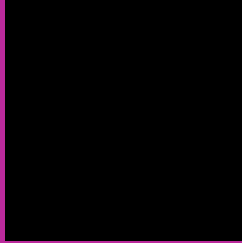
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB2A9C Background



This preview shows how black text looks on a background with the Hex color BB2A9C.

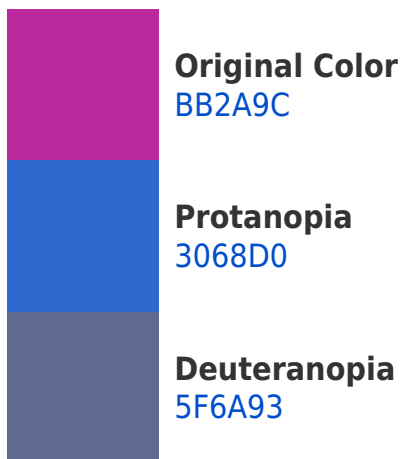


This preview shows how white text looks on a background with the Hex color BB2A9C.

# 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**  
B4474B

# Trichromacy



**Original Color**  
BB2A9C



**Protanomaly**  
6351BD



**Deuteranomaly**  
805396



**Tritanomaly**  
B73C68

# Monochromacy



**Original Color**  
BB2A9C



**Achromatopsia**  
626262



**Achromatomaly**  
824E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB2A9C 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 #BB2A9C looks like.

```
.text, #text, p{  
    color:#BB2A9C  
}
```

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 #BB2A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2A9C
}
```

## Border

The CSS property to change the border of an element to Hex BB2A9C 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
#BB2A9C }
```

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

```
.border{ border-color:#BB2A9C }
```

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

Here you see how a box with a 4 pixel #BB2A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2A9C; -webkit-box-shadow:4px 4px  
4px 4px #BB2A9C; box-shadow:4px 4px 4px  
4px #BB2A9C }
```

# Background

The CSS property to change the background color of an element to Hex BB2A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2A9C }
```

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

```
.background{ background-color:#BB2A9C }
```

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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