

# Converting Colors

Hex(BC31A9)

Have a look what the booklet for  
Hex(BC31A9) contains.

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**Color**

**Hex(BC31A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC31A9
RGB	188, 49, 169
RGB Percent	74%, 19%, 66%
CMY	0.2627, 0.8078, 0.3373
CMYK	0.00, 0.74, 0.10, 0.26
HSL	308°, 59%, 46%
HSV	308°, 74%, 74%
XYZ	28.9988, 15.7526, 39.0483
YIQ	104.2410, 44.3240, 66.7880

# Conversions

## Conversions Part 2

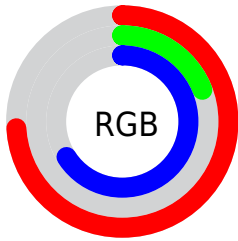
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 49, 169
Decimal	12333481
CIE <sub>Lab</sub>	46.65, 66.57, -34.08
CIE <sub>LCh</sub>	47, 74.784, 332.889
Yxy	15.7526, 0.3460, 0.1880
Android (android.graphics.Color)	4290523561 (0xFFBC31A9)
YUV	104.2410, 31.9262, 73.4566
Hunter-Lab	39.6895, 60.9628, -30.5494

# Details

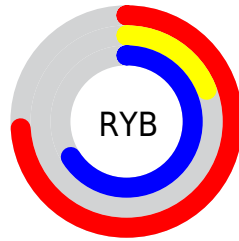
The Hex color **BC31A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **31BC44**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F76DE1**, and **830074** is the 20% darker color. If you saturate the color by 10%, you get **BC1EA6**, and if you desaturate by 10%, it is **BC44AC**.

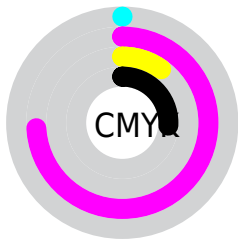
# Distribution



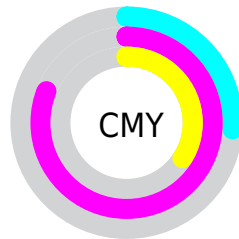
- Red (74%)
- Green (19%)
- Blue (66%)



- Red (74%)
- Yellow (19%)
- Blue (66%)



- Cyan (0%)
- Magenta (74%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (81%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC31A9 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 BC31A9 by changing the saturation by 10% instead.



 BC31A9

 BC31A9

FFFFFF

 9F008E

 F76DE1

 830074

 FF89FD

 67005B

 FFA6FF

 4B0043

 FFC3FF

 32002D

 FFE0FF

 0B0017

FFFEFF

 000000

 BC31A9

 BC31A9

 BC1EA6

 BC44AC

 BC0BA4

 BC57AE

 BC00A2

 BC69B1

 BC7CB3

 BC8FB6

 BCA2B8

 BCB5BB

 BCC7BE

 BCDAC0

# Harmonies

## Analogous

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



6F5ADA



BC31A9



D9006B

# Triad

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



BC31A9



816E00



0089B2

# Complementary

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



BC31A9



31BC44

# 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.



008973



BC31A9



3F7E00

# Square

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



BC31A9



B25400



008530



0083DF

# Rectangle

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



BC31A9



D81C42



008530



00899E



# Sweetspot

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



BC31A9



F5BFED



4431BC



7A5B76



FAFAFA



7A7A7A



# Same Dimension

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



BC31A9



F51BD7



BC3164



5E555D



9E0088



1F001A



# Inverse Universe

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



BC31A9



F51BD7



31BC89



5E555D



9E0088



1F001A



# Previews

## White Background



This preview shows how the Hex color BC31A9 looks on a white background.

## Color Contrast Check

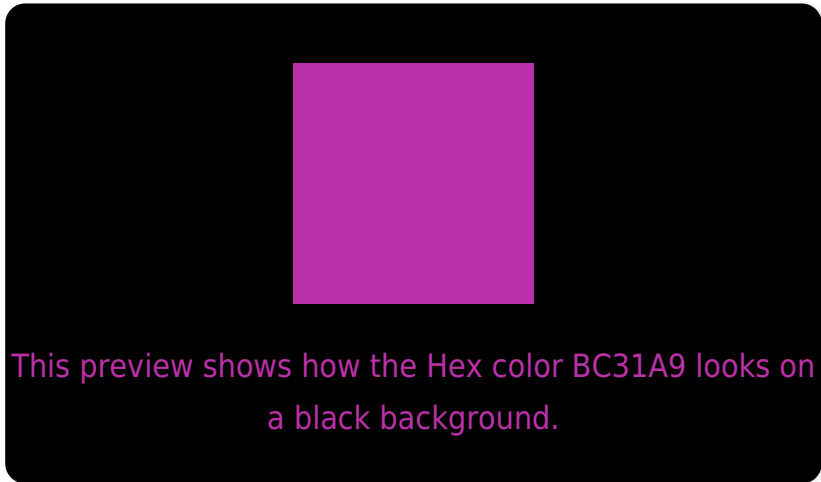
Large Text (above 18pt) WCAG AA ✓ Pass

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

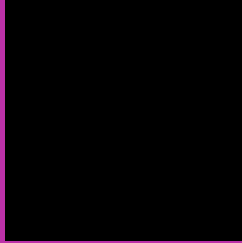
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC31A9 Background



This preview shows how black text looks on a background with the Hex color BC31A9.

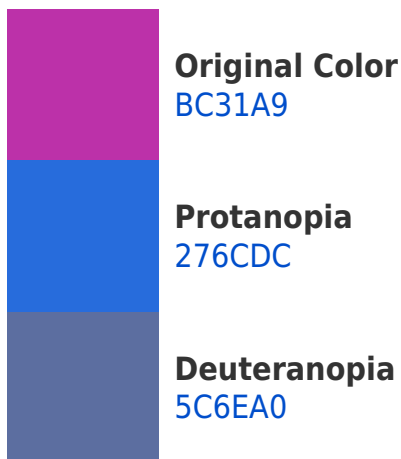


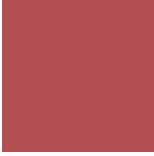
This preview shows how white text looks on a background with the Hex color BC31A9.

# 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**  
B34E53

# Trichromacy



**Original Color**  
BC31A9



**Protanomaly**  
5D57C9



**Deuteranomaly**  
7F58A3



**Tritanomaly**  
B64372

# Monochromacy



**Original Color**  
BC31A9



**Achromatopsia**  
686868



**Achromatomaly**  
875480

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC31A9 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 #BC31A9 looks like.

```
.text, #text, p{  
    color:#BC31A9  
}
```

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 #BC31A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC31A9
}
```

## Border

The CSS property to change the border of an element to Hex BC31A9 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
#BC31A9 }
```

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

```
.border{ border-color:#BC31A9 }
```

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

Here you see how a box with a 4 pixel #BC31A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC31A9; -webkit-box-shadow:4px 4px  
4px 4px #BC31A9; box-shadow:4px 4px 4px  
4px #BC31A9 }
```

# Background

The CSS property to change the background color of an element to Hex BC31A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC31A9 }
```

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

```
.background{ background-color:#BC31A9 }
```

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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