

Converting Colors

Hex(B249C9)

Have a look what the booklet for
Hex(B249C9) contains.

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Color

Hex(B249C9)

Conversions

Conversions Part 1

Format	Color
Hex	B249C9
RGB	178, 73, 201
RGB Percent	70%, 29%, 79%
CMY	0.3020, 0.7137, 0.2118
CMYK	0.11, 0.64, 0.00, 0.21
HSL	289°, 54%, 54%
HSV	289°, 64%, 79%
XYZ	31.2853, 18.4471, 57.1701
YIQ	118.9870, 21.4920, 62.0680

Conversions

Conversions Part 2

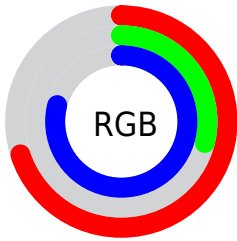
Format	Color
RYB	178, 73, 201
Decimal	11684297
CIELab	50.03, 60.60, -47.50
CIELCh	50, 76.993, 321.910
Yxy	18.4471, 0.2927, 0.1726
Android (android.graphics.Color)	4289874377 (0xFFB249C9)
YUV	118.9870, 40.4324, 51.7544
Hunter-Lab	42.9501, 54.8584, -48.8547

Details

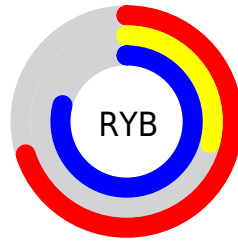
The Hex color **B249C9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **60C949**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EC80FF**, and **7A0292** is the 20% darker color. If you saturate the color by 10%, you get **AE35C9**, and if you desaturate by 10%, it is **B65DC9**.

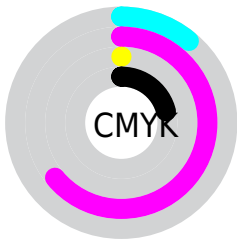
Distribution



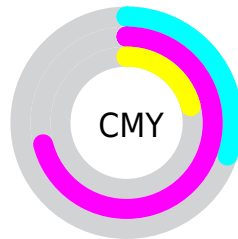
- Red (70%)
- Green (29%)
- Blue (79%)



- Red (70%)
- Yellow (29%)
- Blue (79%)



- Cyan (11%)
- Magenta (64%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (71%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B249C9 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 B249C9 by changing the saturation by 10% instead.

 B249C9

 B249C9

FFFFFF

 962CAD

 EC80FF

 7A0292

 FF9CFF

 5E0078

 FFB8FF

 43005F

 FFD5FF

 2C0046

 FFF2FF

 03002F

 000119

 000000

 B249C9

 B249C9

 AE35C9

 B65DC9

 AB21C9

 B971C9

 A70DC9

 BD85C9

 A500C9

 C099C9

 C4AEC9

 C8C2C9

 CBD6C9

 CFEAC9

 D3FEC9

Harmonies

Analogous

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



3A6EF2



B249C9



E01B8C

Triad

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



B249C9



9F6E00



0093A6

Complementary

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



B249C9



60C949

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.



009263



B249C9



638200

Square

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



B249C9



CD4E00



008D18



0090DE

Rectangle

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



B249C9



E71560



008D18



009390

Sweetspot

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



B249C9



F6CFFF



4960C9



7A6280



000000



808080

Same Dimension

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



B249C9



DC3DFF



C949A0



625A63



8600A3



1D0024

Inverse Universe

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



C94960



FF3D60



49C972



635A5B



A3001D



240006

Previews

White Background



This preview shows how the Hex color B249C9 looks on a white background.

Color Contrast Check

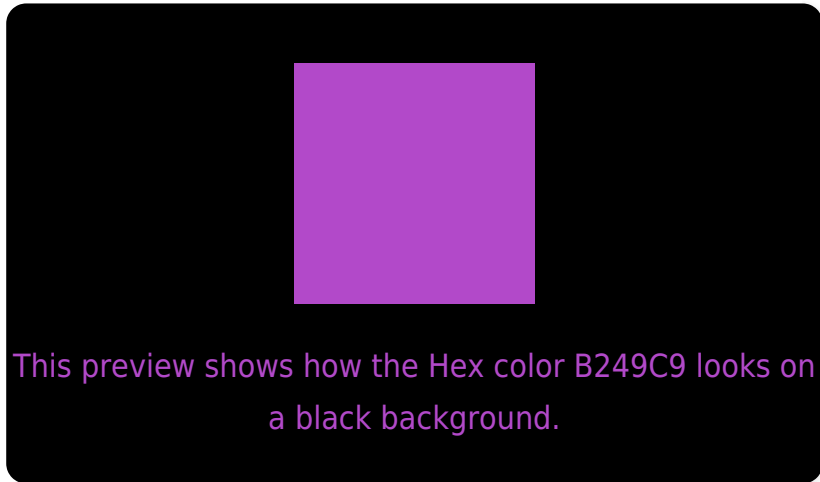
Large Text (above 18pt) WCAG AA ✓ Pass

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

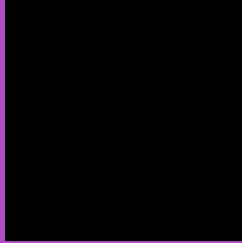
Any Text WCAG AA ✓ Pass

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 B249C9 Background



This preview shows how black text looks on a background with the Hex color B249C9.




This preview shows how white text looks on a background with the Hex color B249C9.

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
A5656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B249C9 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 #B249C9 looks like.

```
.text, #text, p{  
    color:#B249C9  
}
```

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 #B249C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B249C9
}
```

Border

The CSS property to change the border of an element to Hex B249C9 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
#B249C9 }
```

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

```
.border{ border-color:#B249C9 }
```

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

Here you see how a box with a 4 pixel #B249C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B249C9; -webkit-box-shadow:4px 4px  
4px 4px #B249C9; box-shadow:4px 4px 4px  
4px #B249C9 }
```

Background

The CSS property to change the background color of an element to Hex B249C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B249C9 }
```

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

```
.background{ background-color:#B249C9 }
```

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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