

# Converting Colors

Hex(B291CF)

Have a look what the booklet for  
Hex(B291CF) contains.

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# **Color**

**Hex(B291CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B291CF
RGB	178, 145, 207
RGB Percent	70%, 57%, 81%
CMY	0.3020, 0.4314, 0.1882
CMYK	0.14, 0.30, 0.00, 0.19
HSL	272°, 39%, 69%
HSV	272°, 30%, 81%
XYZ	39.7480, 34.2208, 63.5418
YIQ	161.9350, -0.2340, 26.2780

# Conversions

## Conversions Part 2

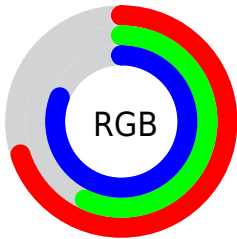
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 145, 207
Decimal	11702735
CIE Lab	65.14, 24.18, -27.24
CIE LCh	65, 36.422, 311.588
Yxy	34.2208, 0.2891, 0.2489
Android (android.graphics.Color)	4289892815 (0xFFB291CF)
YUV	161.9350, 22.2170, 14.0890
Hunter-Lab	58.4985, 18.9130, -23.4526

# Details

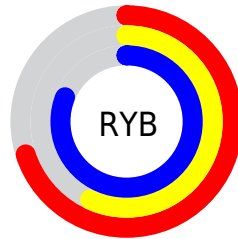
The Hex color **B291CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AECF91**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EAC7FF**, and **7D5E98** is the 20% darker color. If you saturate the color by 10%, you get **A87CCF**, and if you desaturate by 10%, it is **BCA6CF**.

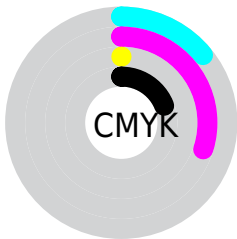
# Distribution



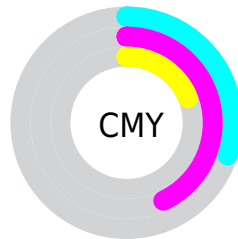
- Red (70%)
- Green (57%)
- Blue (81%)



- Red (70%)
- Yellow (57%)
- Blue (81%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (43%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B291CF 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 B291CF by changing the saturation by 10% instead.



 B291CF

 B291CF

FFFFFF

 9777B3

 EAC7FF

 7D5E98

 FFE3FF

 63467E

 4A2F65

 32194D

 1C0336

 000020

 000004

 000000

 B291CF

 B291CF

 A87CCF

 BCA6CF

 9F68CF

 C5BACF

 9553CF

 CFCFCF

 8B3ECF

 D9E4CF

 8229CF

 E2F9CF

 7815CF

 ECFFCF

 6E00CF

 F6FFCF

 FFFF CF

# Harmonies

## Analogous

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



839DDE



B291CF



D187B3

# Triad

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



B291CF



C59561



27B0AA

# Complementary

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



B291CF



AECF91

# 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.



5AAE88



B291CF



A7A05D

# Square

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



B291CF



D88A74



83A96C



02ADC8

# Rectangle

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



B291CF



DB859E



83A96C



3AAF9F



# Sweetspot

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



B291CF



F4E8FF



91AFCF



797180



000000



808080



# Same Dimension

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



B291CF



D4A3FF



CF91CE



645E69



5A00A8



160029



# Inverse Universe

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



CF91AE



FFA3CE



91CF92



695E63



A8004F

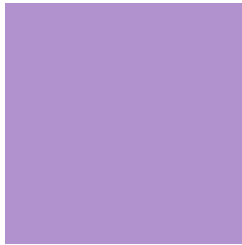


290013



# Previews

## White Background



This preview shows how the Hex color B291CF looks on a white background.

## Color Contrast Check

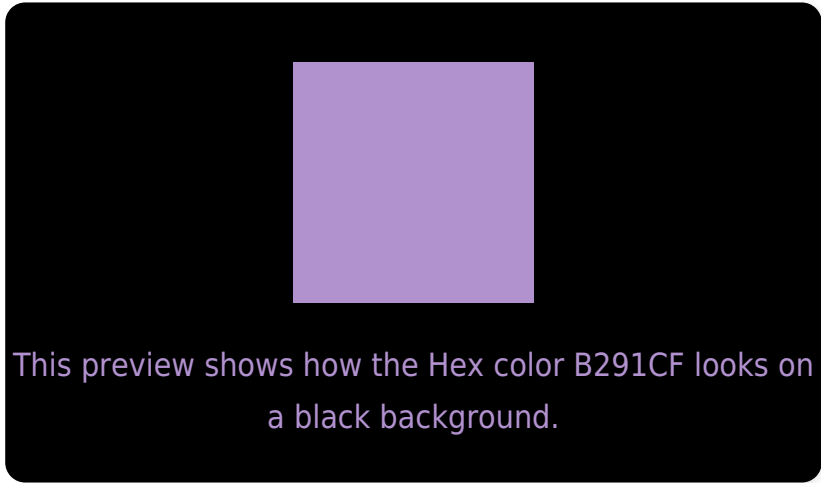
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex B291CF Background



This preview shows how black text looks on a background with the Hex color B291CF.

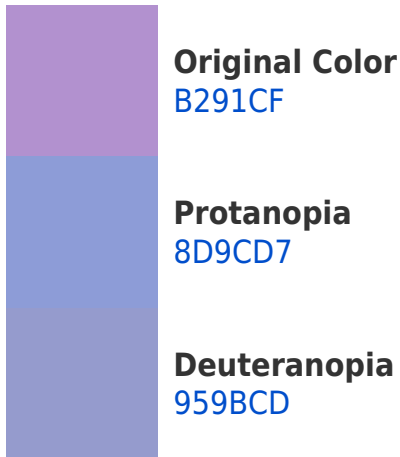


This preview shows how white text looks on a background with the Hex color B291CF.

# 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](#).

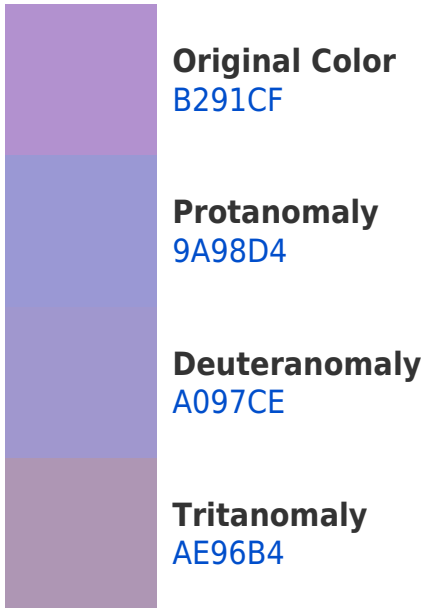
## Dichromacy



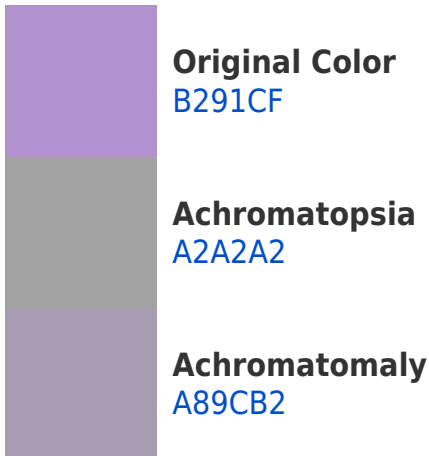


**Tritanopia**  
AB99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B291CF 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 #B291CF looks like.

```
.text, #text, p{  
    color:#B291CF  
}
```

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 #B291CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B291CF
}
```

## Border

The CSS property to change the border of an element to Hex B291CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

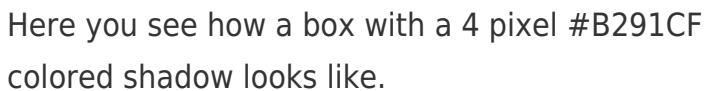
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B291CF }
```

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

```
.border{ border-color:#B291CF }
```

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



Here you see how a box with a 4 pixel #B291CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B291CF; -webkit-box-shadow:4px 4px  
4px 4px #B291CF; box-shadow:4px 4px 4px  
4px #B291CF }
```

# Background

The CSS property to change the background color of an element to Hex B291CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B291CF }
```

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

```
.background{ background-color:#B291CF }
```

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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