

# Converting Colors

Hex(B29CC3)

Have a look what the booklet for  
Hex(B29CC3) contains.

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# **Color**

**Hex(B29CC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29CC3
RGB	178, 156, 195
RGB Percent	70%, 61%, 76%
CMY	0.3020, 0.3882, 0.2353
CMYK	0.09, 0.20, 0.00, 0.24
HSL	274°, 25%, 69%
HSV	274°, 20%, 76%
XYZ	40.0989, 37.1820, 56.6932
YIQ	167.0240, 0.5930, 16.7930

# Conversions

## Conversions Part 2

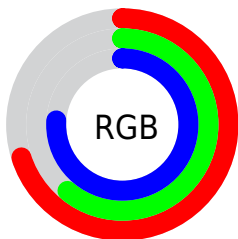
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 156, 195
Decimal	11705539
CIELab	67.41, 15.46, -17.08
CIELCh	67, 23.042, 312.150
Yxy	37.1820, 0.2993, 0.2775
Android (android.graphics.Color)	4289895619 (0xFFB29CC3)
YUV	167.0240, 13.7922, 9.6260
Hunter-Lab	60.9771, 10.6728, -12.4407

# Details

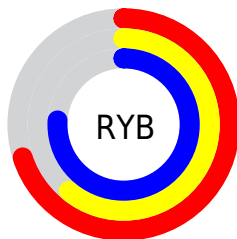
The Hex color **B29CC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ADC39C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EAD3FC**, and **7D698D** is the 20% darker color. If you saturate the color by 10%, you get **A989C3**, and if you desaturate by 10%, it is **BAB0C3**.

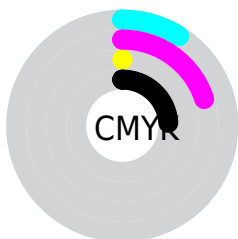
# Distribution



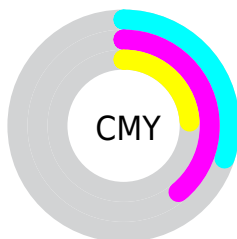
- Red (70%)
- Green (61%)
- Blue (76%)



- Red (70%)
- Yellow (61%)
- Blue (76%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (39%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29CC3 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 B29CC3 by changing the saturation by 10% instead.



 B29CC3

 B29CC3

FFFFFF

 9782A8

 EAD3FC

 7D698D

 FFEFFF

 645074

 4C395B

 342443

 1F0F2D

 000018

 000000

 B29CC3

 B29CC3

 A989C3

 BAB0C3

 A175C3

 C3C3C3

 9862C3

 CCD7C3

 904EC3

 D4EAC3

 873BC3

 DDFEC3

 7F27C3

 E5FFC3

 7614C3

 EEFFC3

 6E00C3

 F6FFC3

 FFFF C3

# Harmonies

## Analogous

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



97A3CC



B29CC3



C697B1

# Triad

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



B29CC3



BF9F7D



6CB0AC

# Complementary

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



B29CC3



ADC39C

# 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.



7CAF97



B29CC3



ABA67B

# Square

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



B29CC3



CC9889



94AB85



6AAEBF

# Rectangle

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



B29CC3



CD95A3



94AB85



70B0A5



# Sweetspot

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



B29CC3



F6EDFC



9CAEC3



7C7780



000000



808080



# Same Dimension

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



B29CC3



E2C0FC



C39CC1



5D5761



5B00A1



130021



# Inverse Universe

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



C39CAD



FCC0DA



9CC39E



61575B



A10046

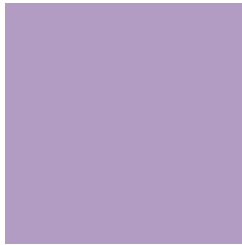


21000E



# Previews

## White Background



This preview shows how the Hex color B29CC3 looks on a white background.

## Color Contrast Check

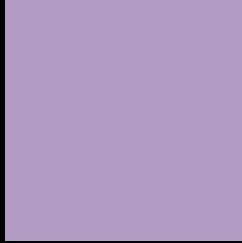
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B29CC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

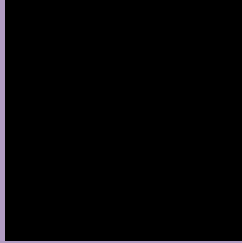
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B29CC3 Background



This preview shows how black text looks on a background with the Hex color B29CC3.

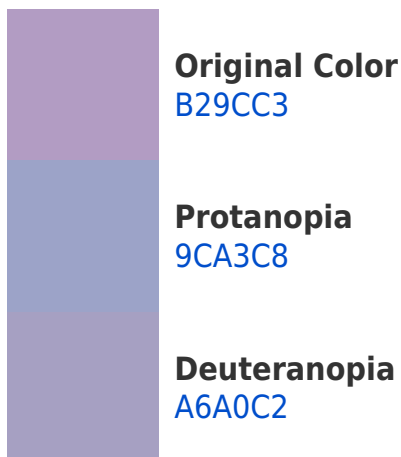


This preview shows how white text looks on a background with the Hex color B29CC3.

# 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





# Trichromacy



**Original Color**  
B29CC3

**Protanomaly**  
A4A0C6

**Deuteranomaly**  
AA9FC2

**Tritanomaly**  
AF9FB5

# Monochromacy



**Original Color**  
B29CC3

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ABA3B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29CC3 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 #B29CC3 looks like.

```
.text, #text, p{  
    color:#B29CC3  
}
```

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 #B29CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29CC3
}
```

## Border

The CSS property to change the border of an element to Hex B29CC3 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
#B29CC3 }
```

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

```
.border{ border-color:#B29CC3 }
```

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

Here you see how a box with a 4 pixel #B29CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29CC3; -webkit-box-shadow:4px 4px  
4px 4px #B29CC3; box-shadow:4px 4px 4px  
4px #B29CC3 }
```

# Background

The CSS property to change the background color of an element to Hex B29CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29CC3 }
```

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

```
.background{ background-color:#B29CC3 }
```

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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