

# Converting Colors

Hex(B279DB)

Have a look what the booklet for  
Hex(B279DB) contains.

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# Color

Hex(**B279DB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B279DB
RGB	178, 121, 219
RGB Percent	70%, 47%, 86%
CMY	0.3020, 0.5255, 0.1412
CMYK	0.19, 0.45, 0.00, 0.14
HSL	275°, 58%, 67%
HSV	275°, 45%, 86%
XYZ	37.9837, 28.2542, 70.4695
YIQ	149.2150, 2.5140, 42.5620

# Conversions

## Conversions Part 2

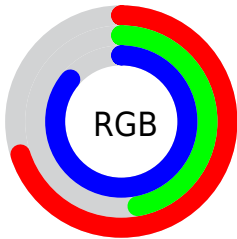
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 121, 219
Decimal	11696603
CIELab	60.12, 40.20, -41.76
CIELCh	60, 57.963, 313.906
Yxy	28.2542, 0.2778, 0.2067
Android (android.graphics.Color)	4289886683 (0xFFB279DB)
YUV	149.2150, 34.4040, 25.2444
Hunter-Lab	53.1547, 34.5331, -41.3951

# Details

The Hex color **B279DB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A2DB79**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **EBAEFF**, and **7B46A4** is the 20% darker color. If you saturate the color by 10%, you get **A963DB**, and if you desaturate by 10%, it is **BB8FDB**.

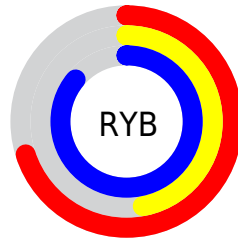
# Distribution



Red (70%)

Green (47%)

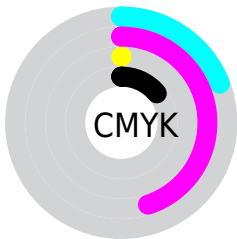
Blue (86%)



Red (70%)

Yellow (47%)

Blue (86%)

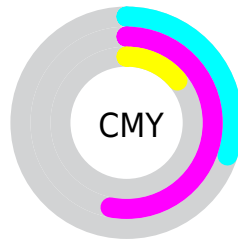


Cyan (19%)

Magenta (45%)

Yellow (0%)

Black (14%)



Cyan (30%)

Magenta (53%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B279DB 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 B279DB by changing the saturation by 10% instead.



 B279DB

 B279DB

FFFFFF

 965FBF

 EBAEFF

 7B46A4

 FFCAFF

 612E89

 FFE7FF

 47156F

 2D0056

 19003E

 000327

 000111

 000000

 B279DB

 B279DB

 A963DB

 BB8FDB

 A04DDB

 C4A5DB

 9737DB

 CDBBDB

 8D21DB

 D7D1DB

 840CDB

 E0E7DB

 7F00DB

 E9FCDB

 F2FFDB

 FBFFDB

 FFFFDB

# Harmonies

## Analogous

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



5B8EF4



B279DB



E066AF

# Triad

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



B279DB



C28428



00A9A8

# Complementary

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



B279DB



A2DB79

# 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.



00A873



B279DB



959622

# Square

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



B279DB



E2704C



5BA143



00A7D7

# Rectangle

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



B279DB



EC608C



5BA143



00A996



# Sweetspot

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



B279DB



F1DEFF



79A3DB



776B80



000000



808080



# Same Dimension

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



B279DB



C575FF



DB79D4



69636E



6500AD



1B002E



# Inverse Universe

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



DB79A2



FF75AF



79DB80



6E6367



AD0049

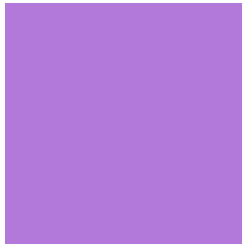


2E0013



# Previews

## White Background



This preview shows how the Hex color B279DB 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

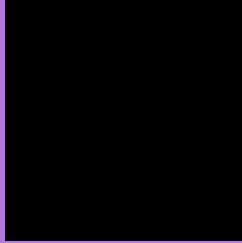
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B279DB Background



This preview shows how black text looks on a background with the Hex color B279DB.

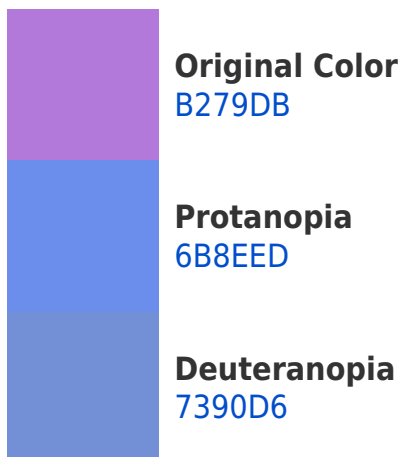



This preview shows how white text looks on a background with the Hex color B279DB.

# 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**  
A68994

# Trichromacy



**Original Color**  
B279DB



**Protanomaly**  
8586E6



**Deuteranomaly**  
8A88D8



**Tritanomaly**  
AA83AE

# Monochromacy



**Original Color**  
B279DB



**Achromatopsia**  
959595



**Achromatomaly**  
A08BAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B279DB 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 #B279DB looks like.

```
.text, #text, p{  
    color:#B279DB  
}
```

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 #B279DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B279DB  
}
```

## Border

The CSS property to change the border of an element to Hex B279DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

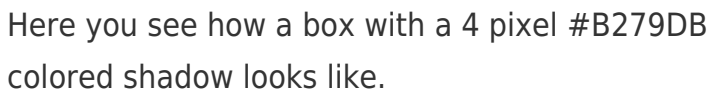
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B279DB }
```

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

```
.border{ border-color:#B279DB }
```

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



Here you see how a box with a 4 pixel #B279DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B279DB; -webkit-box-shadow:4px 4px  
4px 4px #B279DB; box-shadow:4px 4px 4px  
4px #B279DB }
```

# Background

The CSS property to change the background color of an element to Hex B279DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B279DB }
```

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

```
.background{ background-color:#B279DB }
```

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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