

# Converting Colors

Hex(B19DCD)

Have a look what the booklet for  
Hex(B19DCD) contains.

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# **Color**

**Hex(B19DCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19DCD
RGB	177, 157, 205
RGB Percent	69%, 62%, 80%
CMY	0.3059, 0.3843, 0.1961
CMYK	0.14, 0.23, 0.00, 0.20
HSL	265°, 32%, 71%
HSV	265°, 23%, 80%
XYZ	41.2079, 37.8688, 62.8951
YIQ	168.4520, -3.4880, 19.1680

# Conversions

## Conversions Part 2

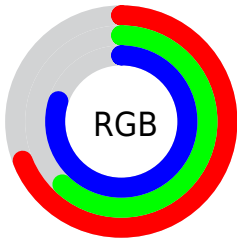
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 157, 205
Decimal	11640269
CIELab	67.92, 16.69, -21.87
CIELCh	68, 27.508, 307.348
Yxy	37.8688, 0.2903, 0.2667
Android (android.graphics.Color)	4289830349 (0xFFB19DCD)
YUV	168.4520, 18.0182, 7.4966
Hunter-Lab	61.5377, 11.8393, -17.5215

# Details

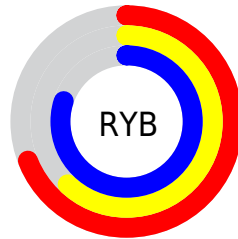
The Hex color **B19DCD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9CD9D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E9D4FF**, and **7C6A97** is the 20% darker color. If you saturate the color by 10%, you get **A589CD**, and if you desaturate by 10%, it is **BDB2CD**.

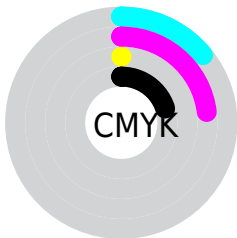
# Distribution



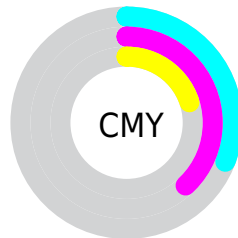
- Red (69%)
- Green (62%)
- Blue (80%)



- Red (69%)
- Yellow (62%)
- Blue (80%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (38%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19DCD 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 B19DCD by changing the saturation by 10% instead.



 B19DCD

 B19DCD

FFFFFF

 9683B1

 E9D4FF

 7C6A97

 FFF0FF

 63517D

 4A3A64

 33244C

 1C1035

 00001F

 000003

 000000

 B19DCD

 B19DCD

 A589CD

 BDB2CD

 9974CD

 C9C6CD

 8D60CD

 D5DBCD

 814BCD

 E1EFCD

 7537CD

 EDFFC

 6922CD

 F9FFCD

 5D0ECD

 FFFCD

 5500CD

# Harmonies

## Analogous

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



8FA6D6



B19DCD



CA96B9

# Triad

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



B19DCD



C89E78



61B3AB

# Complementary

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



B19DCD



B9CD9D

# 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.



79B292



B19DCD



B1A674

# Square

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



B19DCD



D59689



96AD7D



59B2C3

# Rectangle

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



B19DCD



D493A9



96AD7D



68B3A2



# Sweetspot

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



B19DCD



F5EDFF



9DB9CD



7A7580



000000



808080



# Same Dimension

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



B19DCD



D5B8FF



C89DCD



605C66



4500A6



100026



# Inverse Universe

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



CD9DB9



FFB8E1



A2CD9D



665C62



A60061

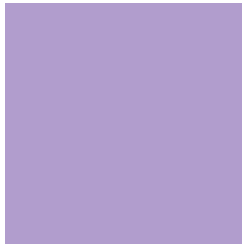


260016



# Previews

## White Background



This preview shows how the Hex color B19DCD looks on a white background.

## Color Contrast Check

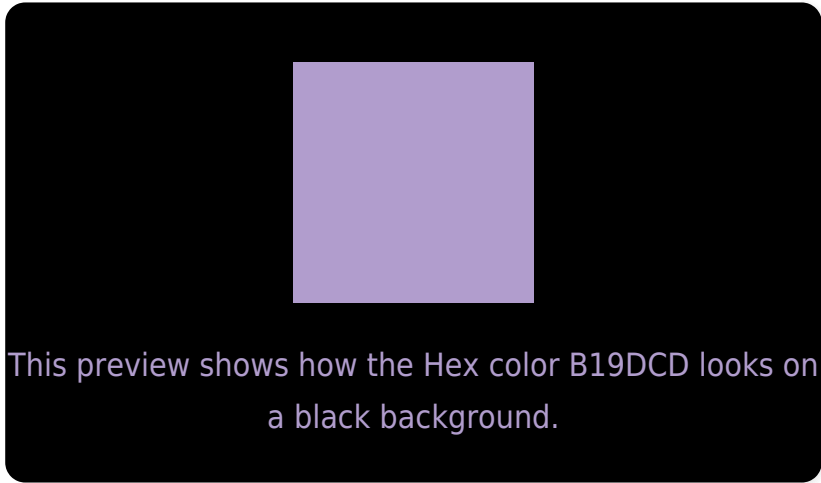
Large Text (above 18pt) WCAG AA × Fail

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 B19DCD Background



This preview shows how black text looks on a background with the Hex color B19DCD.

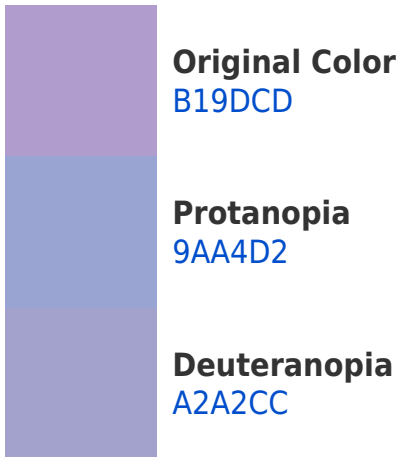


This preview shows how white text looks on a background with the Hex color B19DCD.

# 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**  
B19DCD

**Protanomaly**  
A2A1D0

**Deuteranomaly**  
A7A0CC

**Tritanomaly**  
AEA0BA

# Monochromacy



**Original Color**  
B19DCD

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
ABA4B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19DCD 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 #B19DCD looks like.

```
.text, #text, p{  
    color:#B19DCD  
}
```

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 #B19DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19DCD
}
```

## Border

The CSS property to change the border of an element to Hex B19DCD is called "border". The border property can be set on classes, ids or directly on the HTML element.

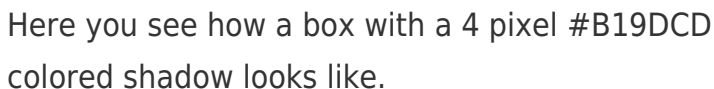
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B19DCD }
```

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

```
.border{ border-color:#B19DCD }
```

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



Here you see how a box with a 4 pixel #B19DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19DCD; -webkit-box-shadow:4px 4px  
4px 4px #B19DCD; box-shadow:4px 4px 4px  
4px #B19DCD }
```

# Background

The CSS property to change the background color of an element to Hex B19DCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19DCD }
```

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

```
.background{ background-color:#B19DCD }
```

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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