

# Converting Colors

Hex(B967CD)

Have a look what the booklet for  
Hex(B967CD) contains.

<b>Hex(B967CD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**B967CD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B967CD
RGB	185, 103, 205
RGB Percent	73%, 40%, 80%
CMY	0.2745, 0.5961, 0.1961
CMYK	0.10, 0.50, 0.00, 0.20
HSL	288°, 50%, 60%
HSV	288°, 50%, 80%
XYZ	35.8773, 24.4226, 60.5807
YIQ	139.1460, 16.1300, 49.1060

# Conversions

## Conversions Part 2

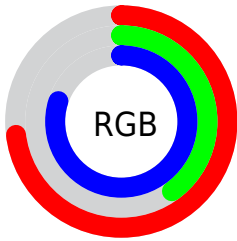
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 103, 205
Decimal	12150733
CIE Lab	56.51, 48.82, -39.48
CIE LCh	57, 62.783, 321.035
Yxy	24.4226, 0.2968, 0.2020
Android (android.graphics.Color)	4290340813 (0xFFB967CD)
YUV	139.1460, 32.4660, 40.2140
Hunter-Lab	49.4192, 43.1036, -38.0874

# Details

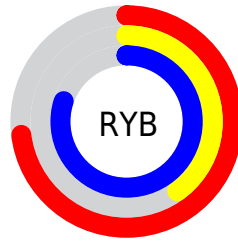
The Hex color **B967CD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BCD67**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F39DFF**, and **823396** is the 20% darker color. If you saturate the color by 10%, you get **B553CD**, and if you desaturate by 10%, it is **BD7CCD**.

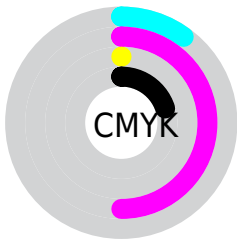
# Distribution



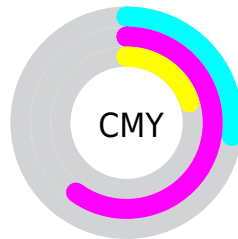
- Red (73%)
- Green (40%)
- Blue (80%)



- Red (73%)
- Yellow (40%)
- Blue (80%)



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B967CD 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 B967CD by changing the saturation by 10% instead.



 B967CD

 B967CD

FFFFFF

 9D4DB1

 F39DFF

 823396

 FFB8FF

 67177C

 FFD5FF

 4C0063

 FFF2FF

 33004A

 1B0033

 00021D

 000000

 B967CD

 B967CD

 B553CD

 BD7CCD

 B13ECD

 C190CD

 AD2ACD

 C5A5CD

 A915CD

 C9B9CD

 A501CD

 CDCECD

 A500CD

 D1E2CD

 D5F7CD

 D9FFCD

 DDFECD

# Harmonies

## Analogous

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



6580EE



B967CD



E1529A

# Triad

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



B967CD



B07F01



00A1AD

# Complementary

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



B967CD



7BCD67

# 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.



00A075



B967CD



7D9009

# Square

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



B967CD



D66832



349B3E



009DDC

# Rectangle

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



B967CD



E95076



349B3E



00A19B



# Sweetspot

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



B967CD



F8D9FF



677BCD



7B6980



000000



808080



# Same Dimension

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



B967CD



E166FF



CD67AE



645C66



8500A6



1F0026



# Inverse Universe

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



CD677B



FF6684



67CD86



665C5E



A60020

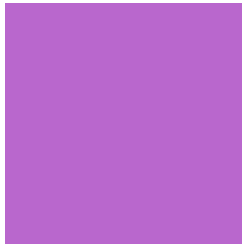


260007



# Previews

## White Background



This preview shows how the Hex color B967CD looks on a white background.

## Color Contrast Check

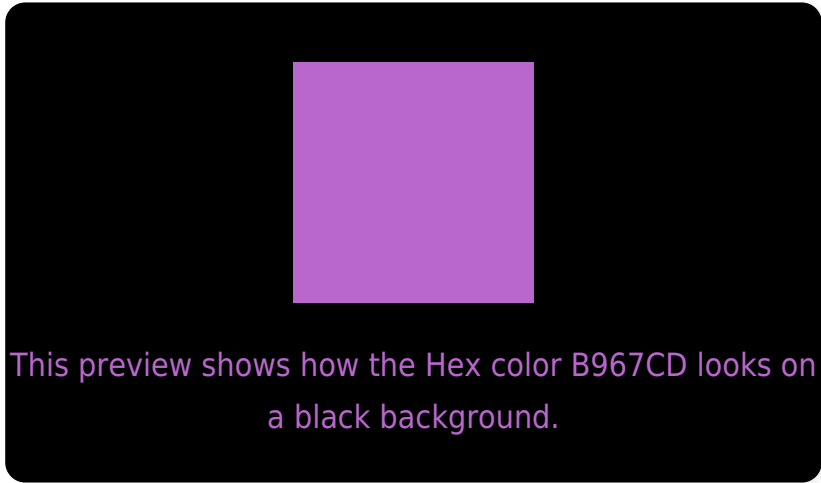
Large Text (above 18pt) WCAG AA ✓ Pass

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

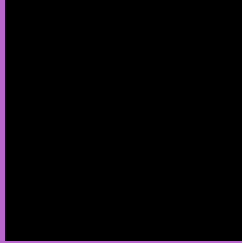
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B967CD Background



This preview shows how black text looks on a background with the Hex color B967CD.

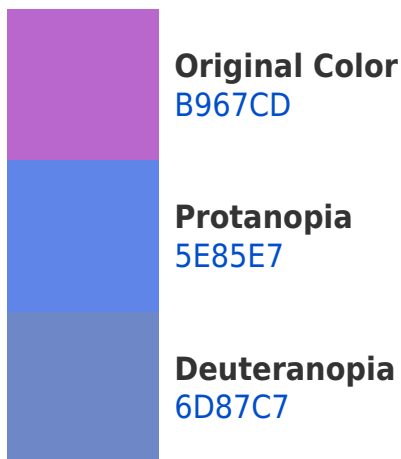


This preview shows how white text looks on a background with the Hex color B967CD.

# 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**  
AF7982

# Trichromacy



**Original Color**  
B967CD



**Protanomaly**  
7F7ADE



**Deuteranomaly**  
897BC9

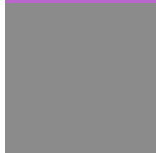


**Tritanomaly**  
B3729D

# Monochromacy



**Original Color**  
B967CD



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
9C7EA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B967CD 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 #B967CD looks like.

```
.text, #text, p{  
    color:#B967CD  
}
```

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 #B967CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B967CD
}
```

## Border

The CSS property to change the border of an element to Hex B967CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

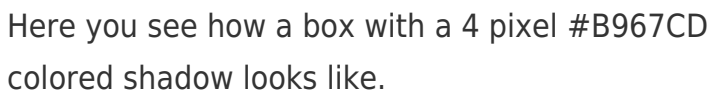
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B967CD }
```

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

```
.border{ border-color:#B967CD }
```

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



Here you see how a box with a 4 pixel #B967CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B967CD; -webkit-box-shadow:4px 4px  
4px 4px #B967CD; box-shadow:4px 4px 4px  
4px #B967CD }
```

# Background

The CSS property to change the background color of an element to Hex B967CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B967CD }
```

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

```
.background{ background-color:#B967CD }
```

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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