

# Converting Colors

Hex(B976EB)

Have a look what the booklet for  
Hex(B976EB) contains.

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**Color**

**Hex(B976EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B976EB
RGB	185, 118, 235
RGB Percent	73%, 46%, 92%
CMY	0.2745, 0.5373, 0.0784
CMYK	0.21, 0.50, 0.00, 0.08
HSL	274°, 75%, 69%
HSV	274°, 50%, 92%
XYZ	41.4814, 29.2693, 82.0605
YIQ	151.3710, 2.3750, 50.5910

# Conversions

## Conversions Part 2

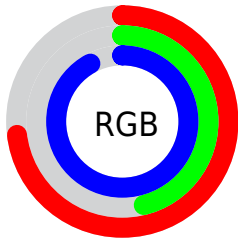
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 118, 235
Decimal	12154603
CIE <sub>Lab</sub>	61.02, 47.29, -49.22
CIE <sub>LCh</sub>	61, 68.252, 313.855
Yxy	29.2693, 0.2715, 0.1915
Android (android.graphics.Color)	4290344683 (0xFFB976EB)
YUV	151.3710, 41.2291, 29.4926
Hunter-Lab	54.1011, 42.1859, -52.0602

# Details

The Hex color **B976EB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A8EB76**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F3ACFF**, and **8143B3** is the 20% darker color. If you saturate the color by 10%, you get **AF5FEB**, and if you desaturate by 10%, it is **C38EEB**.

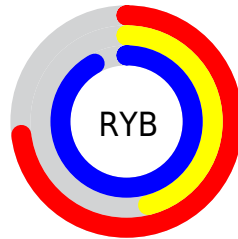
# Distribution



Red (73%)

Green (46%)

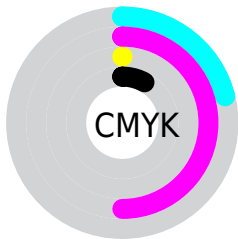
Blue (92%)



Red (73%)

Yellow (46%)

Blue (92%)

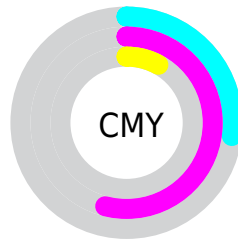


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (54%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B976EB 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 B976EB by changing the saturation by 10% instead.




 B976EB

 B976EB

FFFFFF

 9D5CCE

 F3ACFF

 8143B3

 FFC8FF

 662997

 FFE4FF

 4B0D7D

 300063

 17004B

 000033

 00021D

 000000

 B976EB

 B976EB

 AF5FEB


 C38EEB

 A547EB

 CDA5EB

 9B30EB

 D7BDEB

 9118EB

 E1D4EB

 8700EB

 EBEC EB

 F5FFEB

 FFFFEB

# Harmonies

## Analogous

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



4391FF



B976EB



EF5CB6

# Triad

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



B976EB



CB8408



00AFAE

# Complementary

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



B976EB



A8EB76

# 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.



00AD6F



B976EB



969900

# Square

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



B976EB



F06A42



4FA634



00ADE6

# Rectangle

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



B976EB



FD548E



4FA634



00AF9A



# Sweetspot

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



B976EB



EFD9FF



76A9EB



766980



000000



808080



# Same Dimension

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



B976EB



BE66FF



EB76E3



706A75



6800B5



1F0036



# Inverse Universe

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



EB76A8



FF66A7



76EB7E



756A6F



B5004D

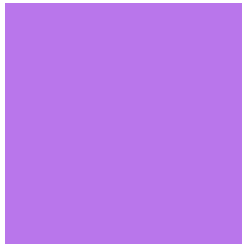


360017



# Previews

## White Background



This preview shows how the Hex color B976EB looks on a white background.

## Color Contrast Check

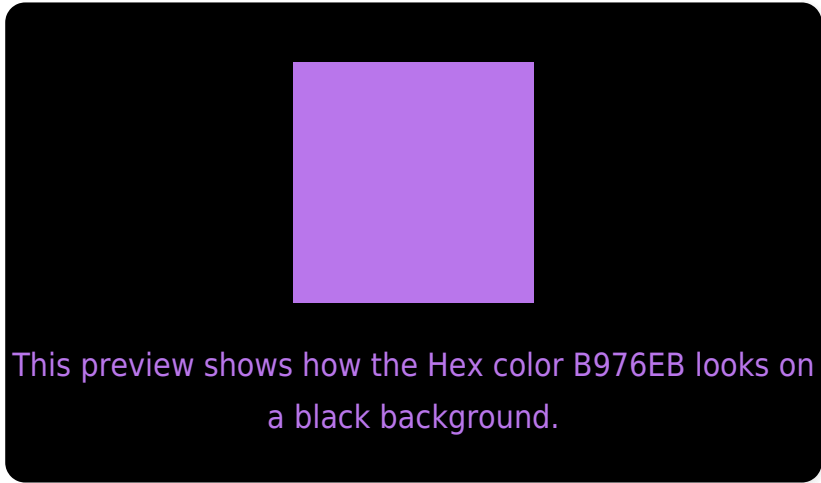
Large Text (above 18pt) WCAG AA ✓ Pass

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

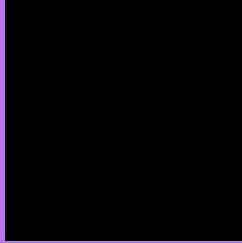
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B976EB Background



This preview shows how black text looks on a background with the Hex color B976EB.

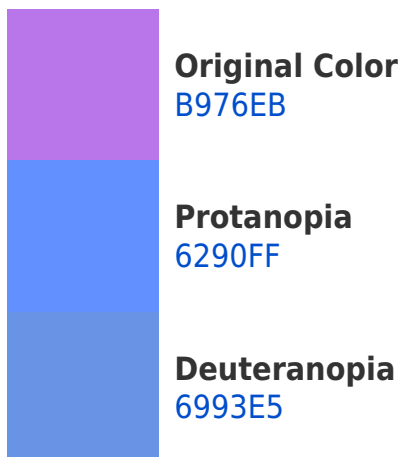


This preview shows how white text looks on a background with the Hex color B976EB.

# 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**  
AB8B95

# Trichromacy



**Original Color**  
B976EB



**Protanomaly**  
8287F8



**Deuteranomaly**  
8688E7



**Tritanomaly**  
B083B4

# Monochromacy



**Original Color**  
B976EB



**Achromatopsia**  
979797



**Achromatomaly**  
A38BB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B976EB 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 #B976EB looks like.

```
.text, #text, p{  
    color:#B976EB  
}
```

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 #B976EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B976EB
}
```

## Border

The CSS property to change the border of an element to Hex B976EB 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
#B976EB }
```

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

```
.border{ border-color:#B976EB }
```

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

Here you see how a box with a 4 pixel #B976EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B976EB; -webkit-box-shadow:4px 4px  
4px 4px #B976EB; box-shadow:4px 4px 4px  
4px #B976EB }
```

# Background

The CSS property to change the background color of an element to Hex B976EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B976EB }
```

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

```
.background{ background-color:#B976EB }
```

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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