

# Converting Colors

Hex(B976DF)

Have a look what the booklet for  
Hex(B976DF) contains.

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**Color**

**Hex(B976DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B976DF
RGB	185, 118, 223
RGB Percent	73%, 46%, 87%
CMY	0.2745, 0.5373, 0.1255
CMYK	0.17, 0.47, 0.00, 0.13
HSL	278°, 62%, 67%
HSV	278°, 47%, 87%
XYZ	39.8053, 28.5989, 73.2342
YIQ	150.0030, 6.2270, 46.8590

# Conversions

## Conversions Part 2

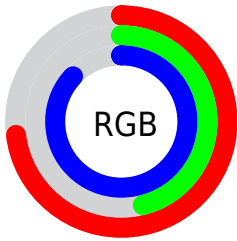
Format	Color
<a href="#">RYB</a>	<a href="#">185, 118, 223</a>
Decimal	<a href="#">12154591</a>
CIELab	<a href="#">60.43, 44.66, -43.46</a>
CIELCh	<a href="#">60, 62.321, 315.780</a>
Yxy	<a href="#">28.5989, 0.2810, 0.2019</a>
Android (android.graphics.Color)	<a href="#">4290344671 (0xFFB976DF)</a>
YUV	<a href="#">150.0030, 35.9875, 30.6924</a>
Hunter-Lab	<a href="#">53.4779, 39.2769, -43.7589</a>

# Details

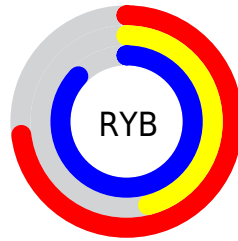
The Hex color **B976DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9CDF76**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F3ACFF**, and **8243A7** is the 20% darker color. If you saturate the color by 10%, you get **B160DF**, and if you desaturate by 10%, it is **C18CDF**.

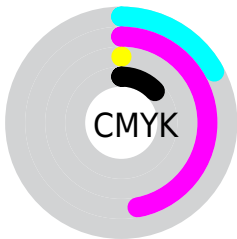
# Distribution



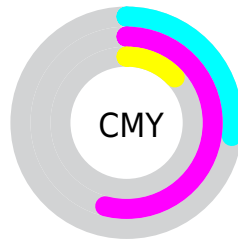
- Red (73%)
- Green (46%)
- Blue (87%)



- Red (73%)
- Yellow (46%)
- Blue (87%)



- Cyan (17%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (54%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B976DF 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 B976DF by changing the saturation by 10% instead.



 B976DF

 B976DF

FFFFFF

 9D5CC3

 F3ACFF

 8243A7

 FFC8FF

 672A8C

 FFE4FF

 4C0E72

 320059

 1D0042

 00002A

 000114

 000000

 B976DF

 B976DF

 B160DF

 C18CDF

 A949DF

 C9A3DF

 A133DF

 D1B9DF

 991DDF

 D9CFDF

 9106DF

 E1E6DF

 8E00DF

 E9FCDF

 F1FFDF

 FAFFDF

 FFFFDF

# Harmonies

## Analogous

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



5C8EFC



B976DF



E860AE

# Triad

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



B976DF



C3861B



00ACAE

# Complementary

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



B976DF



9CDF76

# 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.



00AA75



B976DF



929816

# Square

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



B976DF



E66F45



51A440



00A9E0

# Rectangle

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



B976DF



F45B89



51A440



00AC9B



# Sweetspot

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



B976DF



F2DBFF



769DDF



786A80



000000



808080



# Same Dimension

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



B976DF



CA6EFF



DF76D1



6C6570



7000B0



1F0030



# Inverse Universe

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



DF769C



FF6EA2



76DF84



706569



B00040

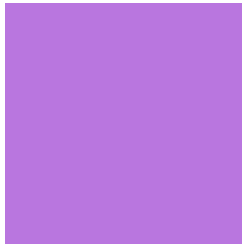


300012



# Previews

## White Background



This preview shows how the Hex color B976DF looks on a white background.

## Color Contrast Check

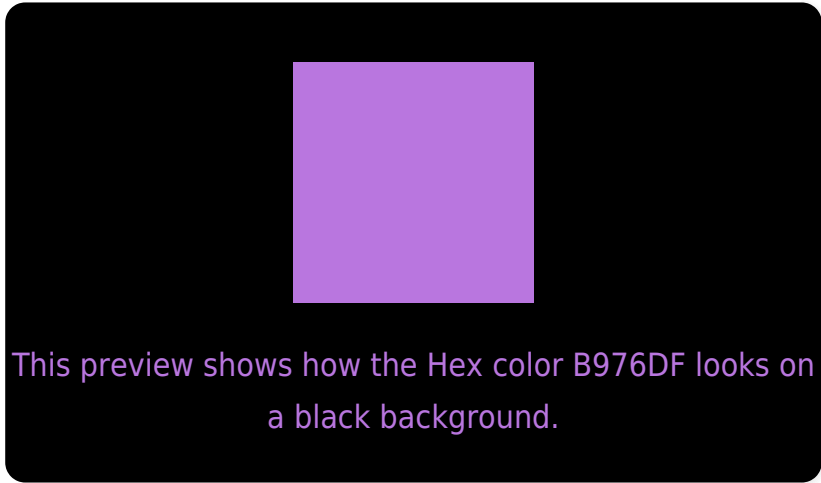
Large Text (above 18pt) WCAG AA ✓ Pass

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

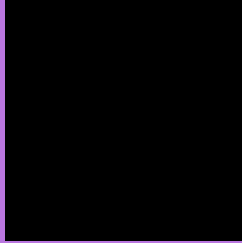
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B976DF Background



This preview shows how black text looks on a background with the Hex color B976DF.

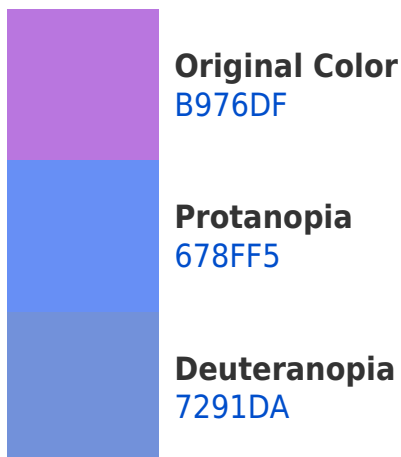


This preview shows how white text looks on a background with the Hex color B976DF.

# 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](#).

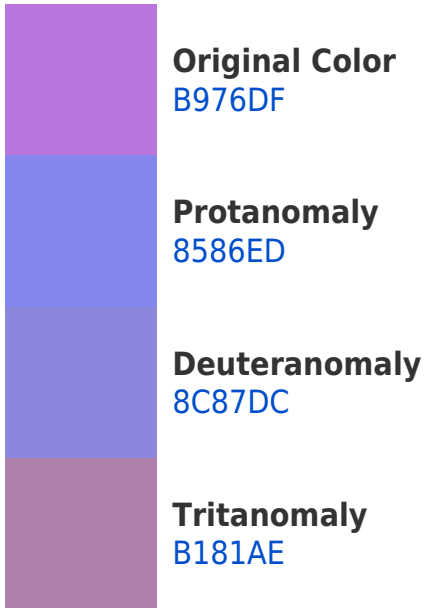
## Dichromacy



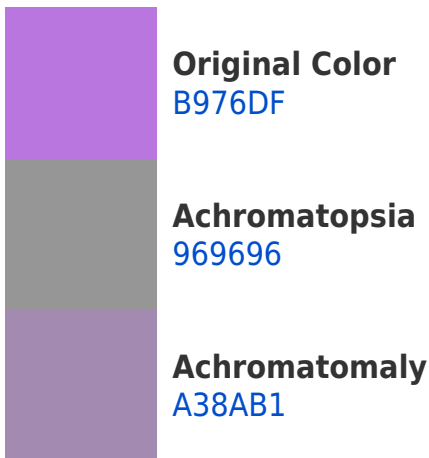


**Tritanopia**  
AD8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B976DF 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 #B976DF looks like.

```
.text, #text, p{  
    color:#B976DF  
}
```

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 #B976DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B976DF
}
```

## Border

The CSS property to change the border of an element to Hex B976DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

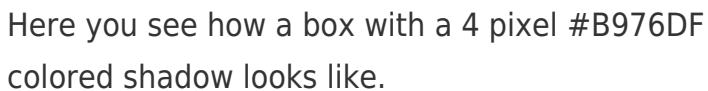
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B976DF }
```

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

```
.border{ border-color:#B976DF }
```

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



Here you see how a box with a 4 pixel #B976DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B976DF; -webkit-box-shadow:4px 4px  
4px 4px #B976DF; box-shadow:4px 4px 4px  
4px #B976DF }
```

# Background

The CSS property to change the background color of an element to Hex B976DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B976DF }
```

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

```
.background{ background-color:#B976DF }
```

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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