

# Converting Colors

Hex(B977F0)

Have a look what the booklet for  
Hex(B977F0) contains.

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# Color

Hex(**B977F0**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B977F0
RGB	185, 119, 240
RGB Percent	73%, 47%, 94%
CMY	0.2745, 0.5333, 0.0588
CMYK	0.23, 0.50, 0.00, 0.06
HSL	273°, 80%, 70%
HSV	273°, 50%, 94%
XYZ	42.3326, 29.7992, 85.9587
YIQ	152.5280, 0.4950, 51.6230

# Conversions

## Conversions Part 2

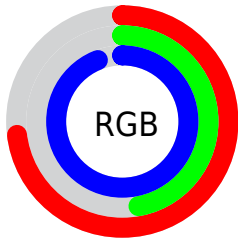
Format	Color
R <sub>Y</sub> B	185, 119, 240
Decimal	12154864
CIE <sub>Lab</sub>	61.48, 47.87, -51.26
CIE <sub>LCh</sub>	61, 70.136, 313.044
Yxy	29.7992, 0.2678, 0.1885
Android (android.graphics.Color)	4290344944 (0xFFB977F0)
YUV	152.5280, 43.1237, 28.4779
Hunter-Lab	54.5887, 42.8936, -55.1497

# Details

The Hex color **B977F0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AEF077**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F3ADFF**, and **8144B7** is the 20% darker color. If you saturate the color by 10%, you get **AE5FF0**, and if you desaturate by 10%, it is **C48FF0**.

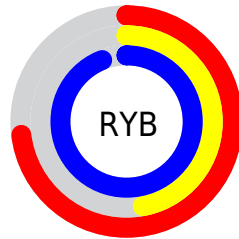
# Distribution



Red (73%)

Green (47%)

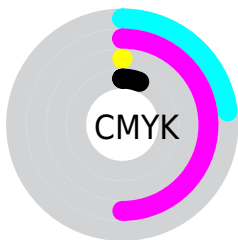
Blue (94%)



Red (73%)

Yellow (47%)

Blue (94%)

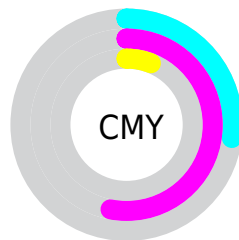


Cyan (23%)

Magenta (50%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (53%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B977F0 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 B977F0 by changing the saturation by 10% instead.



 B977F0

 B977F0

FFFFFF

 9D5DD3

 F3ADFF

 8144B7

 FFC9FF

 652A9C

 FFE5FF

 4A0E81

 2E0068

 14004F

 000037

 000221

 000005

 B977F0

 B977F0

 AE5FF0

 C48FF0

 A347F0

 CFA7F0

 982FF0

 DABFF0

 8D17F0

 E5D7F0

 8300F0

 F0EFF0

 FAFFF0

 FFFFF0

# Harmonies

## Analogous

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



3793FF



B977F0



F15BBA

# Triad

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



B977F0



CE8401



00B1AF

# Complementary

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



B977F0



AEF077

# 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.



00AF6E



B977F0



999A00

# Square

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



B977F0



F46942



50A830



00AFE8

# Rectangle

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



B977F0



FF5391



50A830



00B199



# Sweetspot

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



B977F0



EED9FF



77AFF0



756980



000000



808080



# Same Dimension

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



B977F0



B863FF



F077EC



726C78



6400B8



1F0038



# Inverse Universe

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



F077AE



FF63AA



77F07B



786C71



B80053

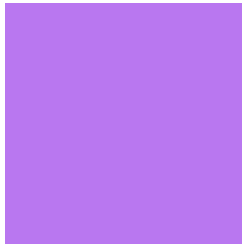


38001A



# Previews

## White Background



This preview shows how the Hex color B977F0 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

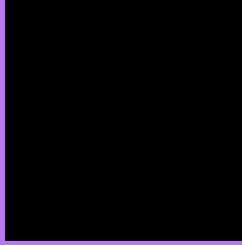
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B977F0 Background



This preview shows how black text looks on a background with the Hex color B977F0.



This preview shows how white text looks on a background with the Hex color B977F0.

# 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](#).

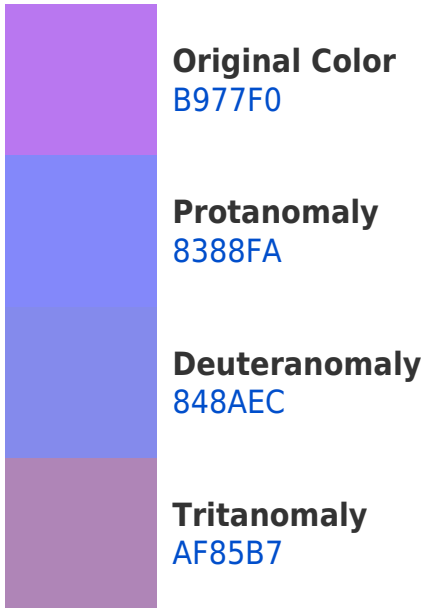
## Dichromacy





**Tritanopia**  
AA8D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B977F0 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 #B977F0 looks like.

```
.text, #text, p{  
    color:#B977F0  
}
```

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 #B977F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B977F0
}
```

## Border

The CSS property to change the border of an element to Hex B977F0 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
#B977F0 }
```

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

```
.border{ border-color:#B977F0 }
```

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

Here you see how a box with a 4 pixel #B977F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B977F0; -webkit-box-shadow:4px 4px  
4px 4px #B977F0; box-shadow:4px 4px 4px  
4px #B977F0 }
```

# Background

The CSS property to change the background color of an element to Hex B977F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B977F0 }
```

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

```
.background{ background-color:#B977F0 }
```

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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