

# Converting Colors

Hex(B991E0)

Have a look what the booklet for  
Hex(B991E0) contains.

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# **Color**

**Hex(B991E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B991E0
RGB	185, 145, 224
RGB Percent	73%, 57%, 88%
CMY	0.2745, 0.4314, 0.1216
CMYK	0.17, 0.35, 0.00, 0.12
HSL	270°, 56%, 72%
HSV	270°, 35%, 88%
XYZ	43.5875, 35.9469, 75.1621
YIQ	165.9660, -1.5190, 33.0490

# Conversions

## Conversions Part 2

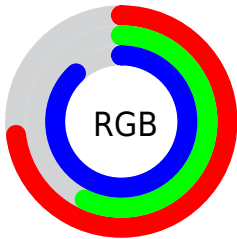
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 145, 224</a>
Decimal	<a href="#">12161504</a>
CIELab	<a href="#">66.48, 30.06, -34.55</a>
CIElCh	<a href="#">66, 45.799, 311.026</a>
Yxy	<a href="#">35.9469, 0.2818, 0.2324</a>
Android (android.graphics.Color)	<a href="#">4290351584 (0xFFB991E0)</a>
YUV	<a href="#">165.9660, 28.6108, 16.6928</a>
Hunter-Lab	<a href="#">59.9557, 24.8461, -32.3585</a>

# Details

The Hex color **B991E0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8E091**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F2C7FF**, and **835EA8** is the 20% darker color. If you saturate the color by 10%, you get **AE7BE0**, and if you desaturate by 10%, it is **C4A7E0**.

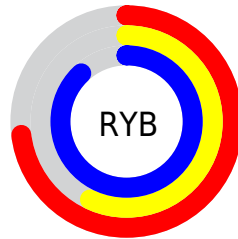
# Distribution



Red (73%)

Green (57%)

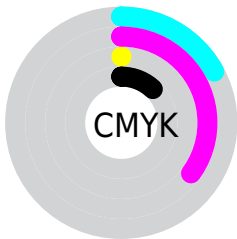
Blue (88%)



Red (73%)

Yellow (57%)

Blue (88%)

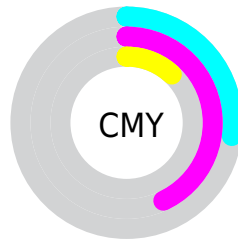


Cyan (17%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (43%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B991E0 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 B991E0 by changing the saturation by 10% instead.



 B991E0

 B991E0

FFFFFF

 9D77C4

 F2C7FF

 835EA8

 FFE3FF

 68468E

 4F2E74

 36185B

 1E0243

 00002C

 000117

 000000

 B991E0

 B991E0

 AE7BE0

 C4A7E0

 A364E0

 CFBEE0

 984EE0

 DAD4E0

 8D37E0

 E5EBE0

 8221E0

 F0FFE0

 770BE0

 FBFFE0

 7100E0

 FFFFE0

# Harmonies

## Analogous

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



7AA1F2



B991E0



E083BD

# Triad

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



B991E0



D09653



00B7B0

# Complementary

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



B991E0



B8E091

# 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.



44B585



B991E0



ACA44E

# Square

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



B991E0



E9886E



7FAF61



00B5D7

# Rectangle

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



B991E0



ED80A2



7FAF61



00B7A2



# Sweetspot

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



B991E0



F1E3FF



91B9E0



776F80



000000



808080



# Same Dimension

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



B991E0



CA94FF



E091E0



6B6570



5900B0



190030



# Inverse Universe

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



E091B8



FF94C9



91E091



70656B



B00057

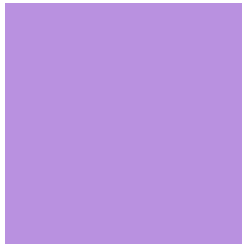


300018



# Previews

## White Background



This preview shows how the Hex color B991E0 looks on a white background.

## Color Contrast Check

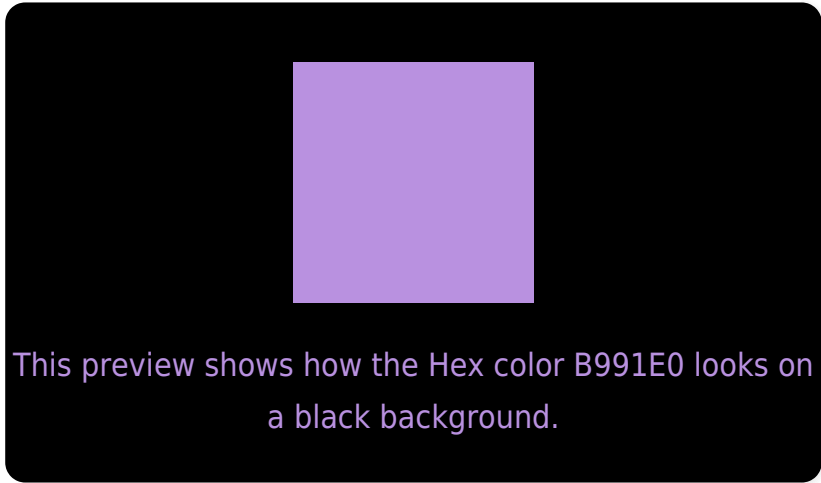
Large Text (above 18pt) WCAG AA × Fail

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 B991E0 Background



This preview shows how black text looks on a background with the Hex color B991E0.

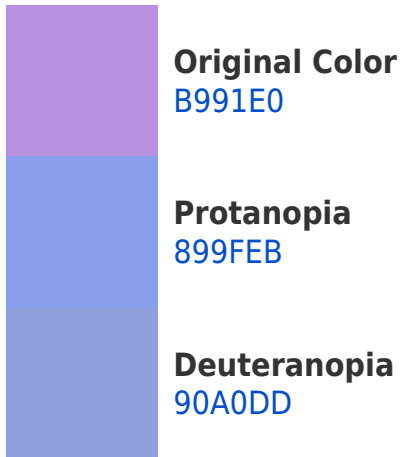


This preview shows how white text looks on a background with the Hex color B991E0.

# 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](#).

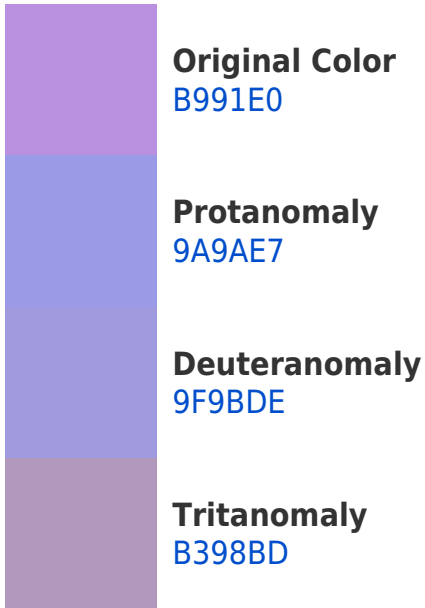
## Dichromacy



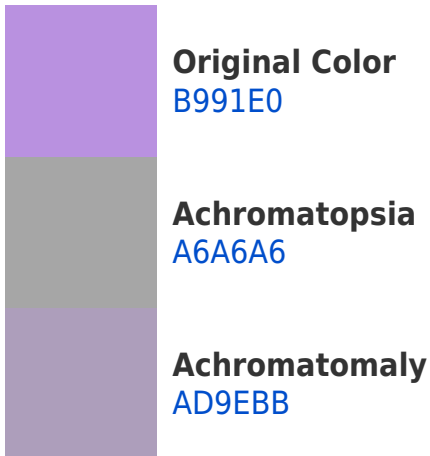


**Tritanopia**  
B09CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B991E0 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 #B991E0 looks like.

```
.text, #text, p{  
    color:#B991E0  
}
```

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 #B991E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B991E0
}
```

## Border

The CSS property to change the border of an element to Hex B991E0 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
#B991E0 }
```

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

```
.border{ border-color:#B991E0 }
```

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

Here you see how a box with a 4 pixel #B991E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B991E0; -webkit-box-shadow:4px 4px  
4px 4px #B991E0; box-shadow:4px 4px 4px  
4px #B991E0 }
```

# Background

The CSS property to change the background color of an element to Hex B991E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B991E0 }
```

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

```
.background{ background-color:#B991E0 }
```

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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