

Converting Colors

Hex(B999CC)

Have a look what the booklet for
Hex(B999CC) contains.

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Color

Hex(B999CC)

Conversions

Conversions Part 1

Format	Color
Hex	B999CC
RGB	185, 153, 204
RGB Percent	73%, 60%, 80%
CMY	0.2745, 0.4000, 0.2000
CMYK	0.09, 0.25, 0.00, 0.20
HSL	278°, 33%, 70%
HSV	278°, 25%, 80%
XYZ	42.2979, 37.4564, 62.1272
YIQ	168.3820, 2.7010, 22.6450

Conversions

Conversions Part 2

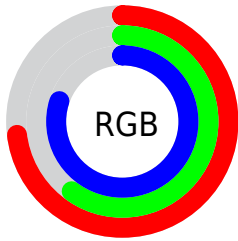
Format	Color
R _Y B	185, 153, 204
Decimal	12163532
CIE _{Lab}	67.62, 21.31, -21.71
CIE _{LCh}	68, 30.427, 314.466
Yxy	37.4564, 0.2981, 0.2640
Android (android.graphics.Color)	4290353612 (0xFFB999CC)
YUV	168.3820, 17.5597, 14.5740
Hunter-Lab	61.2016, 16.2628, -17.3455

Details

The Hex color **B999CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACCC99**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F1D0FF**, and **836696** is the 20% darker color. If you saturate the color by 10%, you get **B185CC**, and if you desaturate by 10%, it is **C1ADCC**.

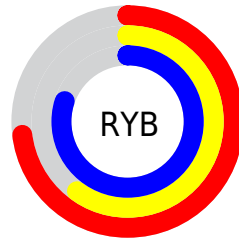
Distribution



Red (73%)

Green (60%)

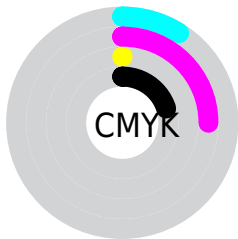
Blue (80%)



Red (73%)

Yellow (60%)

Blue (80%)

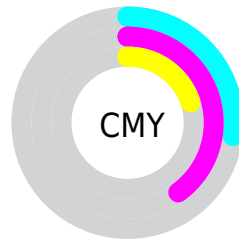


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B999CC 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 B999CC by changing the saturation by 10% instead.

 B999CC

 B999CC

FFFFFF

 9E7FB0

 F1D0FF

 836696


 FFECFF


 6A4D7C


 513663

 39204B

 230B34

 08001F

 000001

 000000

 B999CC

 B999CC

 B185CC

 C1ADCC

 AA70CC

 C8C2CC

 A25CCC

 D0D6CC

 9B47CC

 D7EBCC

 9333CC

 DFFFCC

 8B1FCC

 E7FFCC

 840ACC

 EEFFCC

 8000CC

 F6FFCC

 FDFACC

Harmonies

Analogous

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



94A3DA



B999CC



D292B4

Triad

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



B999CC



C49E70



50B4B1

Complementary

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



B999CC



ACCC99

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.



6BB395



B999CC



AAA76F

Square

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



B999CC



D6957F



8CAE7D



4DB1CA

Rectangle

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



B999CC



DA90A2



8CAE7D



58B4A8

Sweetspot

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



B999CC



F7EBFF



99ADCC



7B7380



000000



808080

Same Dimension

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



B999CC



E2B3FF



CC99C6



625C66



6800A6



180026

Inverse Universe

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



CC99AC



FFB3CF



99CC9F



665C60



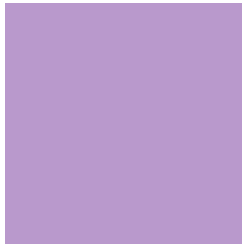
A6003E



26000E

Previews

White Background



This preview shows how the Hex color B999CC 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

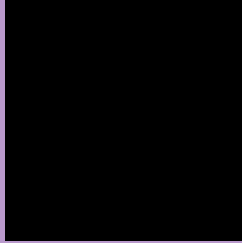
Any Text WCAG AA ✓ Pass

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 B999CC Background



This preview shows how black text looks on a background with the Hex color B999CC.

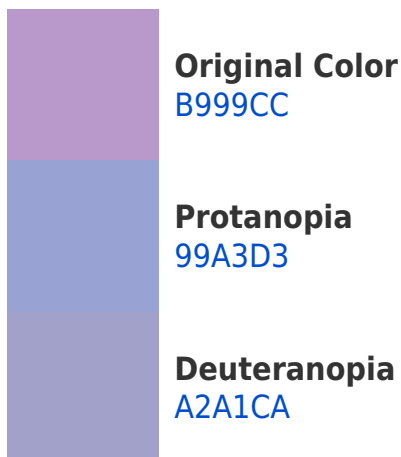


This preview shows how white text looks on a background with the Hex color B999CC.

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
B49FAB

Trichromacy



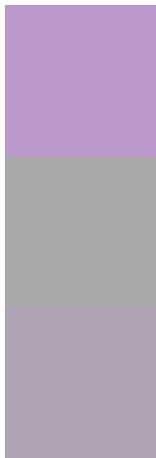
Original Color
B999CC

Protanomaly
A59FD0

Deuteranomaly
AA9ECB

Tritanomaly
B69DB7

Monochromacy



Original Color
B999CC

Achromatopsia
A8A8A8

Achromatomaly
AEA3B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B999CC 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 #B999CC looks like.

```
.text, #text, p{  
    color:#B999CC  
}
```

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 #B999CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B999CC  
}
```

Border

The CSS property to change the border of an element to Hex B999CC 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  
#B999CC }
```

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

```
.border{ border-color:#B999CC }
```

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

Here you see how a box with a 4 pixel #B999CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B999CC; -webkit-box-shadow:4px 4px  
4px 4px #B999CC; box-shadow:4px 4px 4px  
4px #B999CC }
```

Background

The CSS property to change the background color of an element to Hex B999CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B999CC }
```

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

```
.background{ background-color:#B999CC }
```

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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