

Converting Colors

Hex(BB7DBE)

Have a look what the booklet for
Hex(BB7DBE) contains.

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Color

Hex(BB7DBE)

Conversions

Conversions Part 1

Format	Color
Hex	BB7DBE
RGB	187, 125, 190
RGB Percent	73%, 49%, 75%
CMY	0.2667, 0.5098, 0.2549
CMYK	0.02, 0.34, 0.00, 0.25
HSL	297°, 33%, 62%
HSV	297°, 34%, 75%
XYZ	37.1214, 28.9497, 52.3465
YIQ	150.9480, 16.0870, 33.3590

Conversions

Conversions Part 2

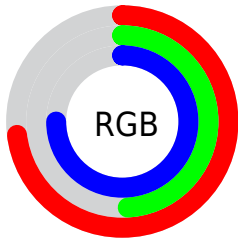
Format	Color
R _Y B	187, 125, 190
Decimal	12287422
CIE Lab	60.74, 34.72, -24.37
CIE LCh	61, 42.418, 324.931
Yxy	28.9497, 0.3135, 0.2445
Android (android.graphics.Color)	4290477502 (0xFFBB7DBE)
YUV	150.9480, 19.2526, 31.6176
Hunter-Lab	53.8050, 28.9930, -20.0194

Details

The Hex color **BB7DBE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80BE7D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F4B3F6**, and **854A88** is the 20% darker color. If you saturate the color by 10%, you get **BA6ABE**, and if you desaturate by 10%, it is **BC90BE**.

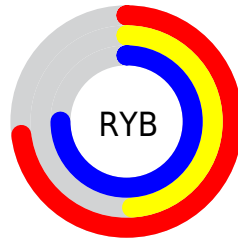
Distribution



Red (73%)

Green (49%)

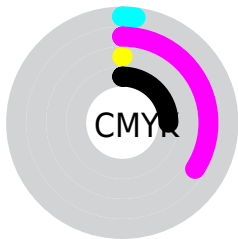
Blue (75%)



Red (73%)

Yellow (49%)

Blue (75%)

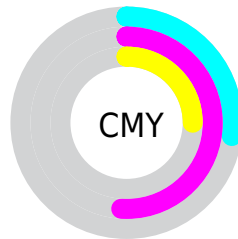


Cyan (2%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB7DBE 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 BB7DBE by changing the saturation by 10% instead.

 BB7DBE

 BB7DBE

FFFFFF

 9F63A3

 F4B3F6

 854A88

 FFCEFF

 6B326F

 FFE8FF

 511A56

 39003F

 250029

 000112

 000000

 BB7DBE

 BB7DBE

 BA6ABE

 BC90BE

 B957BE

 BDA3BE

 B844BE

 BEB6BE

 B731BE

 BFC9BE

 B71EBE

 BFDCBE

 B60BBE

 C0EFBE

 B500BE

 C1FFBE

 C2FFBE

 C3FFBE

Harmonies

Analogous

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



8C8BD6



BB7DBE



D5749A

Triad

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



BB7DBE



AF8E46



00A5B1

Complementary

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



BB7DBE



80BE7D

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.



08A58B



BB7DBE



8A9A4C

Square

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



BB7DBE



CB8156



5DA266



00A1CF

Rectangle

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



BB7DBE



DA7481



5DA266



00A6A5

Sweetspot

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



BB7DBE



F6DFF7



7D80BE



7C6E7D



FCFCFC



7D7D7D

Same Dimension

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



BB7DBE



F392F7



BE7DA1



5E555E



97009E



1D001F

Inverse Universe

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



BE7D80



F79297



7DBE9A



5E5555



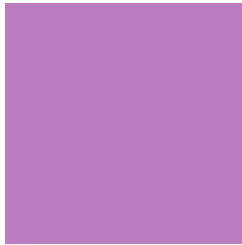
9E0007



1F0001

Previews

White Background



This preview shows how the Hex color BB7DBE looks on a white background.

Color Contrast Check

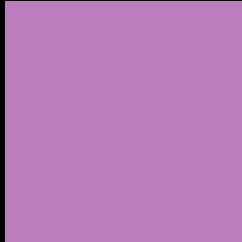
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BB7DBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

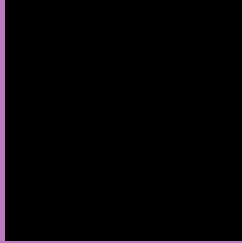
Any Text WCAG AA ✓ Pass

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 BB7DBE Background



This preview shows how black text looks on a background with the Hex color BB7DBE.

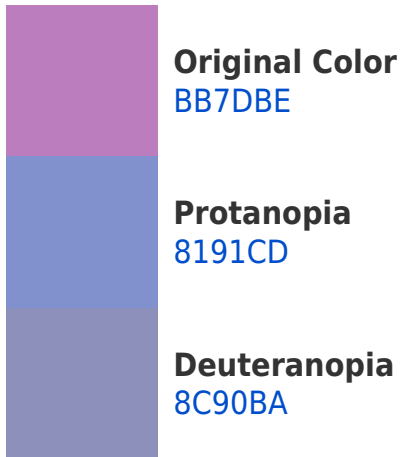



This preview shows how white text looks on a background with the Hex color BB7DBE.

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](#).

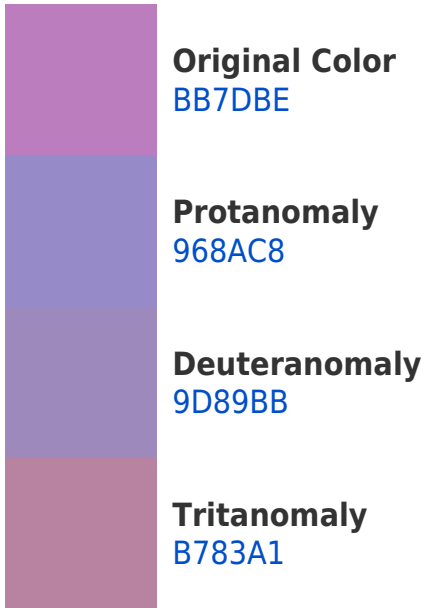
Dichromacy



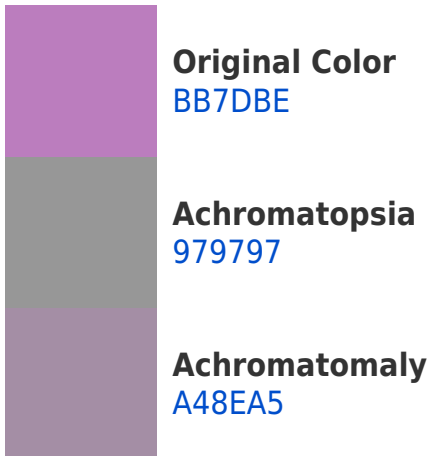


Tritanopia
B58691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB7DBE 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 #BB7DBE looks like.

```
.text, #text, p{  
    color:#BB7DBE  
}
```

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 #BB7DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7DBE
}
```

Border

The CSS property to change the border of an element to Hex BB7DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

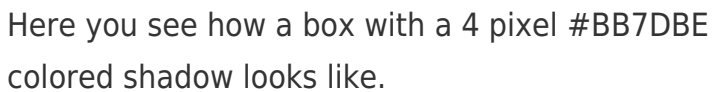
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB7DBE }
```

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

```
.border{ border-color:#BB7DBE }
```

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



Here you see how a box with a 4 pixel `#BB7DBE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7DBE; -webkit-box-shadow:4px 4px  
4px 4px #BB7DBE; box-shadow:4px 4px 4px  
4px #BB7DBE }
```

Background

The CSS property to change the background color of an element to Hex BB7DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7DBE }
```

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

```
.background{ background-color:#BB7DBE }
```

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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