

Converting Colors

Hex(BB88D4)

Have a look what the booklet for
Hex(BB88D4) contains.

Hex(BB88D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB88D4)

Conversions

Conversions Part 1

Format	Color
Hex	BB88D4
RGB	187, 136, 212
RGB Percent	73%, 53%, 83%
CMY	0.2667, 0.4667, 0.1686
CMYK	0.12, 0.36, 0.00, 0.17
HSL	280°, 47%, 68%
HSV	280°, 36%, 83%
XYZ	41.1813, 32.9266, 66.4723
YIQ	159.9130, 6.0000, 34.4480

Conversions

Conversions Part 2

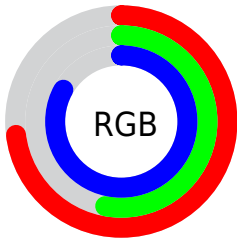
Format	Color
RYB	187, 136, 212
Decimal	12290260
CIELab	64.10, 33.08, -31.56
CIElCh	64, 45.721, 316.351
Yxy	32.9266, 0.2929, 0.2342
Android (android.graphics.Color)	4290480340 (0xFFBB88D4)
YUV	159.9130, 25.6789, 23.7553
Hunter-Lab	57.3817, 27.6868, -28.5158

Details

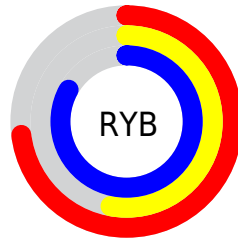
The Hex color **BB88D4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1D488**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F4BEFF**, and **85559D** is the 20% darker color. If you saturate the color by 10%, you get **B473D4**, and if you desaturate by 10%, it is **C29DD4**.

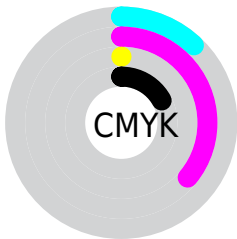
Distribution



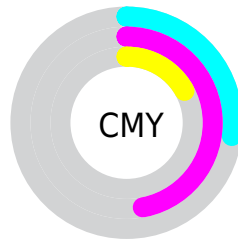
- Red (73%)
- Green (53%)
- Blue (83%)



- Red (73%)
- Yellow (53%)
- Blue (83%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB88D4 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 BB88D4 by changing the saturation by 10% instead.

 BB88D4

 BB88D4

FFFFFF

 9F6EB8

 F4BEFF

 85559D

 FFDAFF

 6A3D83

 FFF7FF

 512569

 380E51

 220039

 000023

 00000A

 000000

 BB88D4

 BB88D4

 B473D4

 C29DD4

 AD5ED4

 C9B2D4

 A648D4

 D0C8D4

 9F33D4

 D7DDD4

 981ED4

 DEF2D4

 9109D4

 E5FFD4

 8E00D4

 ECFFD4

 F3FFD4

 FAFFD4

Harmonies

Analogous

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



8098EA



BB88D4



DE7CB0

Triad

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



BB88D4



C4934B



00B0B1

Complementary

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



BB88D4



A1D488

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.



2CAF87



BB88D4



9EA04A

Square

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



BB88D4



DE8462



70AA61



00ADD5

Rectangle

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



BB88D4



E87994



70AA61



00B0A3

Sweetspot

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



BB88D4



F6E3FF



88A1D4



7A6F80



000000



808080

Same Dimension

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



BB88D4



DB91FF



D488C7



68606B



7300AB



1D002B

Inverse Universe

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



D488A1



FF91B5



88D495



6B6064



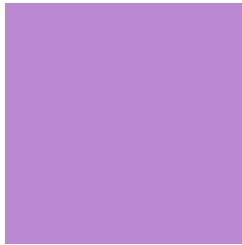
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color BB88D4 looks on a white background.

Color Contrast Check

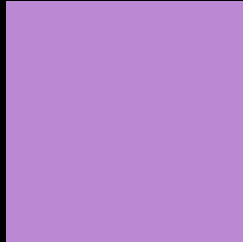
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BB88D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

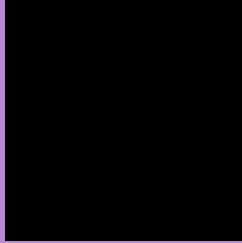
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex BB88D4 Background



This preview shows how black text looks on a background with the Hex color BB88D4.



This preview shows how white text looks on a background with the Hex color BB88D4.

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](#).

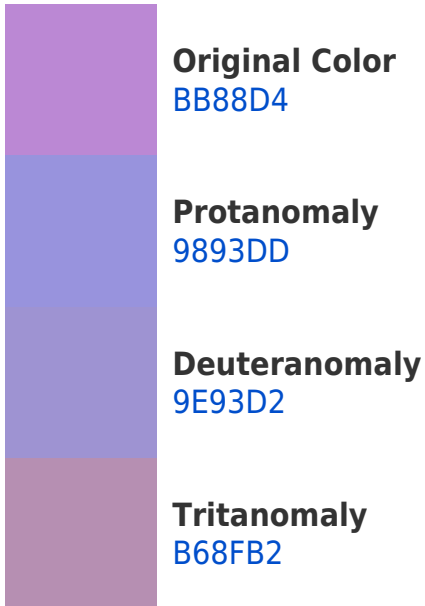
Dichromacy



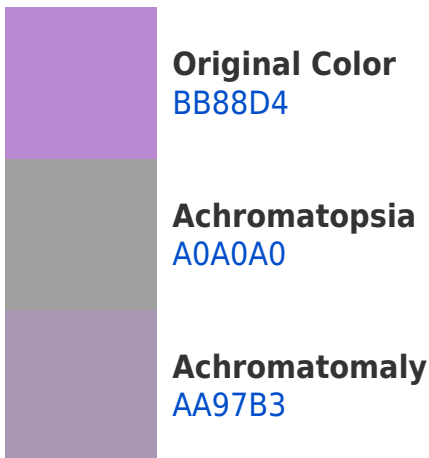


Tritanopia
B3939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB88D4 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 #BB88D4 looks like.

```
.text, #text, p{  
    color:#BB88D4  
}
```

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 #BB88D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB88D4
}
```

Border

The CSS property to change the border of an element to Hex BB88D4 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
#BB88D4 }
```

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

```
.border{ border-color:#BB88D4 }
```

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

Here you see how a box with a 4 pixel #BB88D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB88D4; -webkit-box-shadow:4px 4px  
4px 4px #BB88D4; box-shadow:4px 4px 4px  
4px #BB88D4 }
```

Background

The CSS property to change the background color of an element to Hex BB88D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB88D4 }
```

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

```
.background{ background-color:#BB88D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor