

Converting Colors

Hex(BB87B4)

Have a look what the booklet for
Hex(BB87B4) contains.

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Color

Hex(BB87B4)

Conversions

Conversions Part 1

Format	Color
Hex	BB87B4
RGB	187, 135, 180
RGB Percent	73%, 53%, 71%
CMY	0.2667, 0.4706, 0.2941
CMYK	0.00, 0.28, 0.04, 0.27
HSL	308°, 28%, 63%
HSV	308°, 28%, 73%
XYZ	37.3957, 31.1880, 47.2289
YIQ	155.6780, 16.5470, 25.0190

Conversions

Conversions Part 2

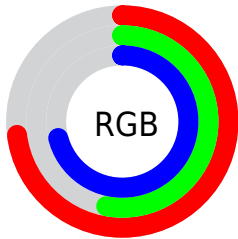
Format	Color
R _Y B	187, 135, 180
Decimal	12289972
CIE _{Lab}	62.67, 27.30, -15.76
CIE _{LCh}	63, 31.526, 329.997
Y _{xy}	31.1880, 0.3229, 0.2693
Android (android.graphics.Color)	4290480052 (0xFFBB87B4)
Y _{UV}	155.6780, 11.9907, 27.4694
Hunter-Lab	55.8462, 21.7961, -11.0489

Details

The Hex color **BB87B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87BB8E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F4BDEC**, and **85547F** is the 20% darker color. If you saturate the color by 10%, you get **BB74B1**, and if you desaturate by 10%, it is **BB9AB7**.

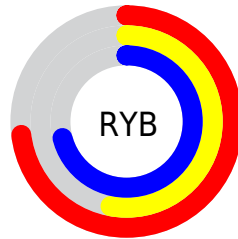
Distribution



Red (73%)

Green (53%)

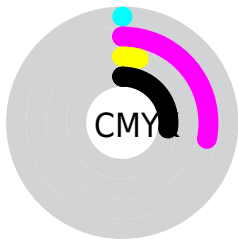
Blue (71%)



Red (73%)

Yellow (53%)

Blue (71%)

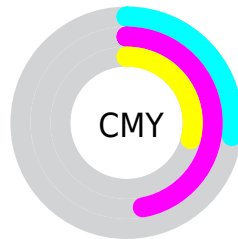


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB87B4 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 BB87B4 by changing the saturation by 10% instead.

 BB87B4

 BB87B4

FFFFFF

 A06D99

 F4BDEC

 85547F

 FFD9FF

 6B3D66

 FFF5FF

 52254E

 3A0E37

 250022

 000008

 000000

 BB87B4

 BB87B4

 BB74B1

 BB9AB7

 BB62AF

 BBACB9

 BB4FAC

 BBBFBC

 BB3CAA

 BBD2BE

 BB2AA7

 BBE4C1

 BB17A5

 BBF7C3

 BB04A2

 BBFFC6

 BB00A2

 BBFFC8

 BBFFCB

Harmonies

Analogous

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



9B90C8



BB87B4



CC8299

Triad

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



BB87B4



AB965F



32A6B3

Complementary

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



BB87B4



87BB8E

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.



4AA797



BB87B4



8D9E66

Square

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



BB87B4



C18C68



6CA47B



45A2C7

Rectangle

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



BB87B4



CF8386



6CA47B



37A7AA

Sweetspot

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



BB87B4



F2DFF0



8E87BB



7A6E79



FAFAFA



7A7A7A

Same Dimension

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



BB87B4



F2A2E7



BB879A



5E555D



9E0089



1F001A

Inverse Universe

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



BB87B4



F2A2E7



87BBA8



5E555D



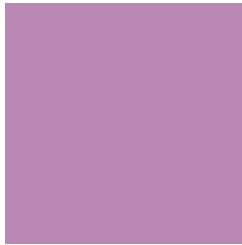
9E0089



1F001A

Previews

White Background



This preview shows how the Hex color BB87B4 looks on a white background.

Color Contrast Check

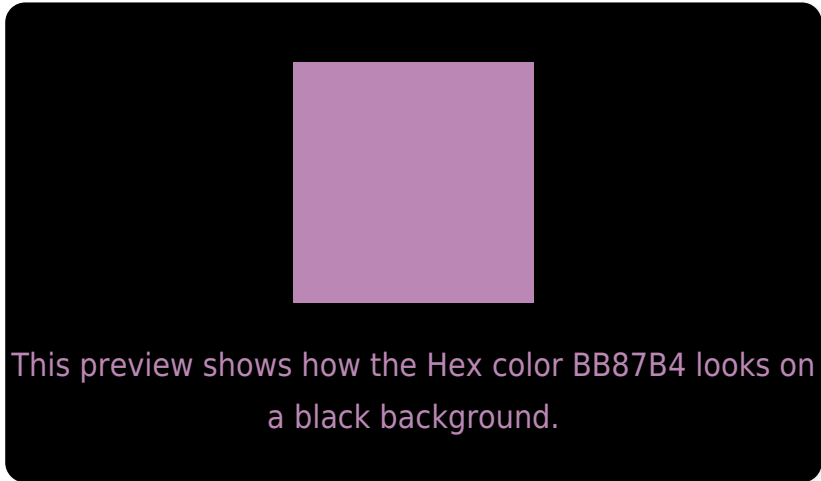
Large Text (above 18pt) WCAG AA × Fail

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

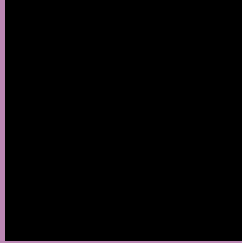
Any Text WCAG AA ✓ Pass

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 BB87B4 Background



This preview shows how black text looks on a background with the Hex color BB87B4.



This preview shows how white text looks on a background with the Hex color BB87B4.

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
B78C97

Trichromacy



Original Color
BB87B4

Protanomaly
9E91BB

Deuteranomaly
A68FB3

Tritanomaly
B88AA2

Monochromacy



Original Color
BB87B4

Achromatopsia
9C9C9C

Achromatomaly
A794A5

CSS Examples

Text

The CSS property to change the color of the text to Hex BB87B4 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 #BB87B4 looks like.

```
.text, #text, p{  
    color:#BB87B4  
}
```

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 #BB87B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB87B4
}
```

Border

The CSS property to change the border of an element to Hex BB87B4 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
#BB87B4 }
```

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

```
.border{ border-color:#BB87B4 }
```

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

Here you see how a box with a 4 pixel #BB87B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB87B4; -webkit-box-shadow:4px 4px  
4px 4px #BB87B4; box-shadow:4px 4px 4px  
4px #BB87B4 }
```

Background

The CSS property to change the background color of an element to Hex BB87B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB87B4 }
```

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

```
.background{ background-color:#BB87B4 }
```

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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