

Converting Colors

Hex(BB9DC5)

Have a look what the booklet for
Hex(BB9DC5) contains.

Hex(BB9DC5)	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(BB9DC5)

Conversions

Conversions Part 1

Format	Color
Hex	BB9DC5
RGB	187, 157, 197
RGB Percent	73%, 62%, 77%
CMY	0.2667, 0.3843, 0.2275
CMYK	0.05, 0.20, 0.00, 0.23
HSL	285°, 26%, 69%
HSV	285°, 20%, 77%
XYZ	42.6285, 38.7100, 58.0483
YIQ	170.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

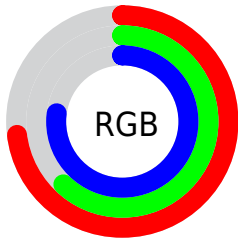
Format	Color
RYB	187, 157, 197
Decimal	12295621
CIELab	68.54, 18.33, -16.41
CIELCh	69, 24.603, 318.160
Yxy	38.7100, 0.3058, 0.2777
Android (android.graphics.Color)	4290485701 (0xFFBB9DC5)
YUV	170.5300, 13.0497, 14.4442
Hunter-Lab	62.2173, 13.4199, -11.7650

Details

The Hex color **BB9DC5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7C59D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F3D4FE**, and **856A8F** is the 20% darker color. If you saturate the color by 10%, you get **B689C5**, and if you desaturate by 10%, it is **C0B1C5**.

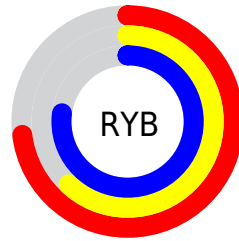
Distribution



Red (73%)

Green (62%)

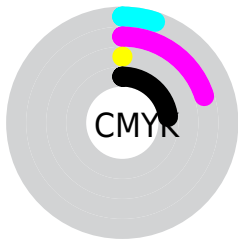
Blue (77%)



Red (73%)

Yellow (62%)

Blue (77%)

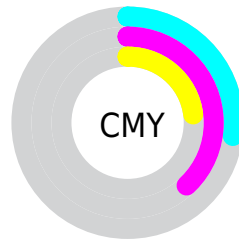


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9DC5 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 BB9DC5 by changing the saturation by 10% instead.

 BB9DC5

 BB9DC5

FFFFFF

 A083AA

 F3D4FE

 856A8F

 FFF0FF

 6C5175

 533A5D

 3C2445

 250F2F

 0F001A

 000000

 BB9DC5

 BB9DC5

 B689C5

 C0B1C5

 B176C5

 C5C4C5

 AC62C5

 CAD8C5

 A74EC5

 CFECC5

 A23BC5

 D4FFC5

 9D27C5

 D9FFC5

 9913C5

 DDFFC5

 9400C5

 E2FFC5

 E7FFC5

Harmonies

Analogous

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



9FA5D1



BB9DC5



CE98B1

Triad

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



BB9DC5



C0A37C



68B4B4

Complementary

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



BB9DC5



A7C59D

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.



78B39D



BB9DC5



A9AA7D

Square

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



BB9DC5



CF9C87



90B089



6AB1C8

Rectangle

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



BB9DC5



D497A2



90B089



6BB4AD

Sweetspot

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



BB9DC5



FBF0FF



9DA7C5



7D7780



000000



808080

Same Dimension

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



BB9DC5



F0C2FF



C59DBC



615A63



7A00A3



1B0024

Inverse Universe

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



C59DA7



FFC2D1



9DC5A6



635A5C



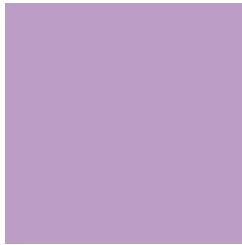
A30029



240009

Previews

White Background



This preview shows how the Hex color BB9DC5 looks on a white background.

Color Contrast Check

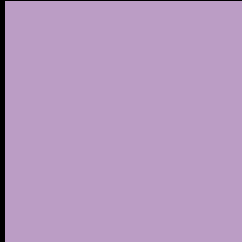
Large Text (above 18pt) WCAG AA × Fail

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 BB9DC5 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 BB9DC5 Background



This preview shows how black text looks on a background with the Hex color BB9DC5.

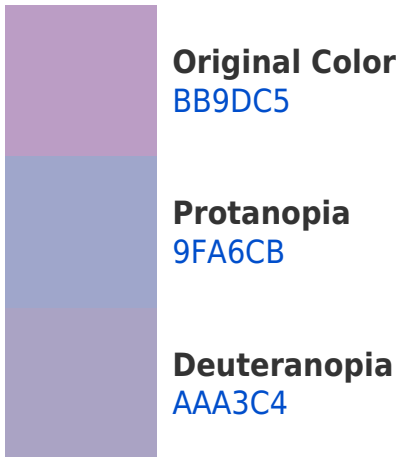


This preview shows how white text looks on a background with the Hex color BB9DC5.

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
B8A1AE

Trichromacy



Original Color
BB9DC5

Protanomaly
A9A3C9

Deuteranomaly
B0A1C4

Tritanomaly
B9A0B6

Monochromacy



Original Color
BB9DC5

Achromatopsia
ABABAB

Achromatomaly
B1A6B4

CSS Examples

Text

The CSS property to change the color of the text to Hex BB9DC5 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 #BB9DC5 looks like.

```
.text, #text, p{  
    color:#BB9DC5  
}
```

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 #BB9DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9DC5
}
```

Border

The CSS property to change the border of an element to Hex BB9DC5 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
#BB9DC5 }
```

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

```
.border{ border-color:#BB9DC5 }
```

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

Here you see how a box with a 4 pixel #BB9DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9DC5; -webkit-box-shadow:4px 4px  
4px 4px #BB9DC5; box-shadow:4px 4px 4px  
4px #BB9DC5 }
```

Background

The CSS property to change the background color of an element to Hex BB9DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9DC5 }
```

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

```
.background{ background-color:#BB9DC5 }
```

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