

Converting Colors

Hex(BB5AB8)

Have a look what the booklet for
Hex(BB5AB8) contains.

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Color

Hex(**BB5AB8**)

Conversions

Conversions Part 1

Format	Color
Hex	BB5AB8
RGB	187, 90, 184
RGB Percent	73%, 35%, 72%
CMY	0.2667, 0.6471, 0.2784
CMYK	0.00, 0.52, 0.02, 0.27
HSL	302°, 42%, 54%
HSV	302°, 52%, 73%
XYZ	32.8014, 21.3378, 47.7372
YIQ	129.7190, 27.6380, 49.7980

Conversions

Conversions Part 2

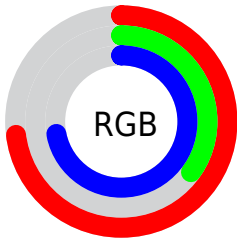
Format	Color
RYB	187, 90, 184
Decimal	12278456
CIELab	53.32, 51.93, -32.42
CIElCh	53, 61.225, 328.022
Yxy	21.3378, 0.3220, 0.2094
Android (android.graphics.Color)	4290468536 (0xFFBB5AB8)
YUV	129.7190, 26.7605, 50.2354
Hunter-Lab	46.1929, 45.9147, -28.9372

Details

The Hex color **BB5AB8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5ABB5D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F590F0**, and **832383** is the 20% darker color. If you saturate the color by 10%, you get **BB47B7**, and if you desaturate by 10%, it is **BB6DB9**.

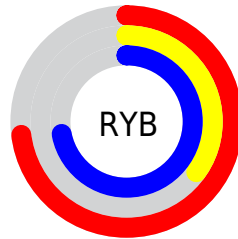
Distribution



Red (73%)

Green (35%)

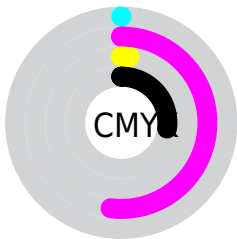
Blue (72%)



Red (73%)

Yellow (35%)

Blue (72%)

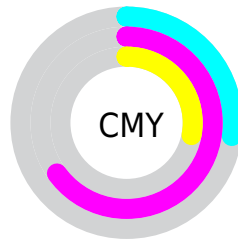


Cyan (0%)

Magenta (52%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5AB8 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 BB5AB8 by changing the saturation by 10% instead.

 BB5AB8

 BB5AB8

FFFFFF

 9F3F9D

 F590F0

 832383

 FFACFF

 680069

 FFC8FF

 4E0051

 FFE5FF

 350039

 1A0023

 000009

 000000

 BB5AB8

 BB5AB8

 BB47B7

 BB6DB9

 BB35B7

 BB7FB9

 BB22B6

 BB92BA

 BB0FB6

 BBA5BA

 BB00B5

 BBB8BB

 BBCABB

 BBDDBC

 BBF0BD

 BBFFBD

Harmonies

Analogous

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



7773DD



BB5AB8



DA4985

Triad

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



BB5AB8



9B7C00



0097B0

Complementary

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



BB5AB8



5ABB5D

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.



00977A



BB5AB8



688B10

Square

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



BB5AB8



C36722



009344



0092D8

Rectangle

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



BB5AB8



DD4B62



009344



00989E

Sweetspot

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



BB5AB8



F2CBF1



5C5ABB



7A637A



FAFAFA



7A7A7A

Same Dimension

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



BB5AB8



F25CEE



BB5A89



5E555E



9E0099



1F001E

Inverse Universe

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



BB5AB8



F25CEE



5ABB8C



5E555E



9E0099



1F001E

Previews

White Background



This preview shows how the Hex color BB5AB8 looks on a white background.

Color Contrast Check

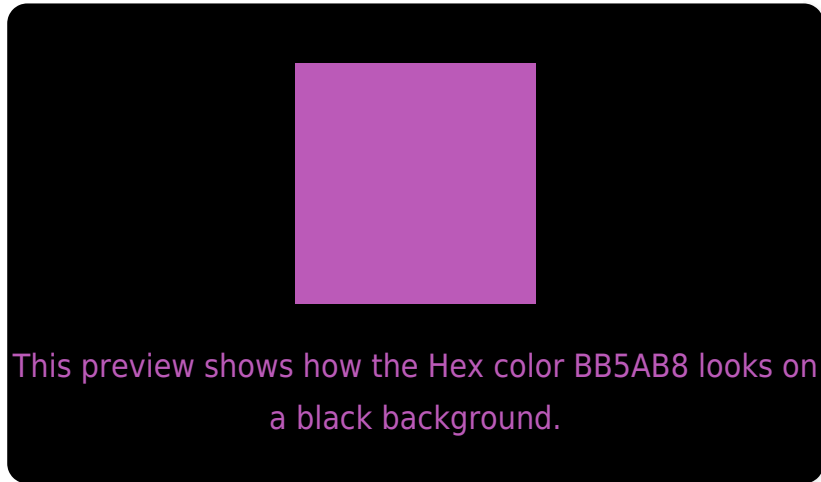
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

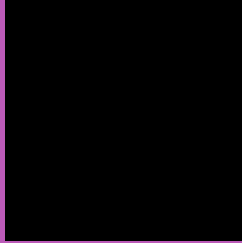
Any Text WCAG AA ✓ Pass

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 BB5AB8 Background



This preview shows how black text looks on a background with the Hex color BB5AB8.

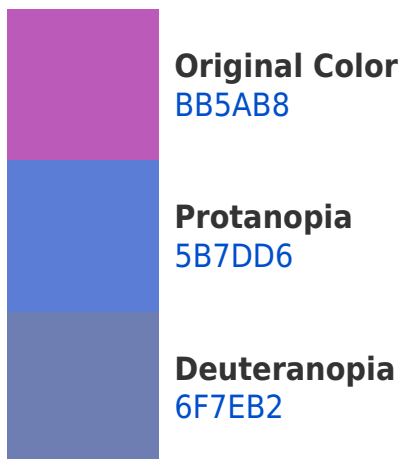



This preview shows how white text looks on a background with the Hex color BB5AB8.

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
B36B73

Trichromacy



Original Color
BB5AB8



Protanomaly
7E70CB



Deuteranomaly
8B71B4



Tritanomaly
B6658C

Monochromacy



Original Color
BB5AB8



Achromatopsia
828282



Achromatomaly
977396

CSS Examples

Text

The CSS property to change the color of the text to Hex BB5AB8 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 #BB5AB8 looks like.

```
.text, #text, p{  
    color:#BB5AB8  
}
```

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 #BB5AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5AB8
}
```

Border

The CSS property to change the border of an element to Hex BB5AB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

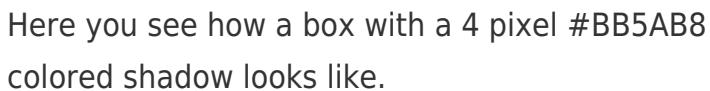
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB5AB8 }
```

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

```
.border{ border-color:#BB5AB8 }
```

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



Here you see how a box with a 4 pixel #BB5AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5AB8; -webkit-box-shadow:4px 4px  
4px 4px #BB5AB8; box-shadow:4px 4px 4px  
4px #BB5AB8 }
```

Background

The CSS property to change the background color of an element to Hex BB5AB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5AB8 }
```

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

```
.background{ background-color:#BB5AB8 }
```

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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