

Converting Colors

Hex(BB5DA8)

Have a look what the booklet for
Hex(BB5DA8) contains.

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Color

Hex(BB5DA8)

Conversions

Conversions Part 1

Format	Color
Hex	BB5DA8
RGB	187, 93, 168
RGB Percent	73%, 36%, 66%
CMY	0.2667, 0.6353, 0.3412
CMYK	0.00, 0.50, 0.10, 0.27
HSL	312°, 41%, 55%
HSV	312°, 50%, 73%
XYZ	31.4758, 21.2207, 39.4828
YIQ	129.6560, 31.9490, 43.2530

Conversions

Conversions Part 2

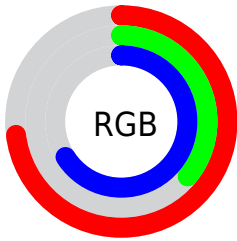
Format	Color
R_{YB}	187, 93, 168
Decimal	12279208
CIE _{Lab}	53.19, 47.69, -23.33
CIE _{LCh}	53, 53.091, 333.937
Yxy	21.2207, 0.3415, 0.2302
Android (android.graphics.Color)	4290469288 (0xFFBB5DA8)
YUV	129.6560, 18.9036, 50.2907
Hunter-Lab	46.0659, 41.3496, -18.5710

Details

The Hex color **BB5DA8** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5DBB70**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F592DF**, and **832874** is the 20% darker color. If you saturate the color by 10%, you get **BB4AA4**, and if you desaturate by 10%, it is **BB70AC**.

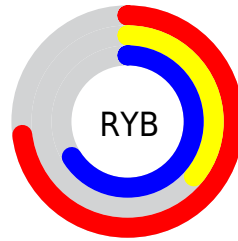
Distribution



Red (73%)

Green (36%)

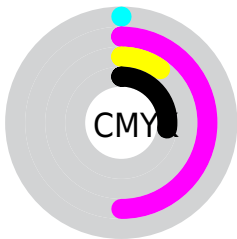
Blue (66%)



Red (73%)

Yellow (36%)

Blue (66%)

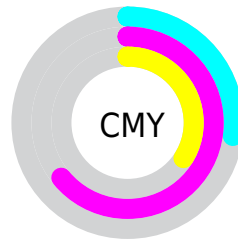


Cyan (0%)

Magenta (50%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (64%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5DA8 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 BB5DA8 by changing the saturation by 10% instead.

 BB5DA8

 BB5DA8

FFFFFF

 9F438D

 F592DF

 832874

 FFAEFC

 69065B

 FFCAFF

 4E0043

 FFE7FF

 36002D

 1A0017

 000000

 BB5DA8

 BB5DA8

 BB4AA4

 BB70AC

 BB38A0

 BB82B0

 BB259D

 BB95B3

 BB1299

 BBA8B7

 BB0095

 BBBBBB

 BBCDBF

 BBE0C2

 BBF3C6

 BBFFCA

Harmonies

Analogous

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



8870CB



BB5DA8



D1547B

Triad

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



BB5DA8



917F19



0094B1

Complementary

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



BB5DA8



5DBB70

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.



009584



BB5DA8



628B2D

Square

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



BB5DA8



B66E2A



049255



008ED1

Rectangle

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



BB5DA8



D1575D



049255



0095A3

Sweetspot

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



BB5DA8



F2CEEB



705DBB



7A6476



FAFAFA



7A7A7A

Same Dimension

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



BB5DA8



F261D5



BB5D79



5E555C



9E007E



1F0018

Inverse Universe

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



BB5DA8



F261D5



5DBB9F



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color BB5DA8 looks on a white background.

Color Contrast Check

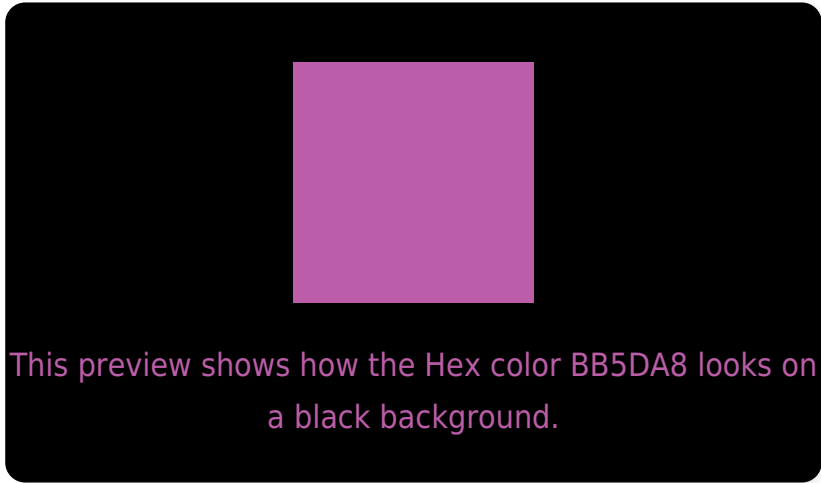
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB5DA8 Background



This preview shows how black text looks on a background with the Hex color BB5DA8.

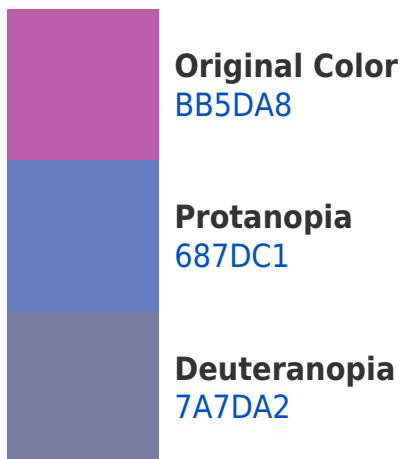



This preview shows how white text looks on a background with the Hex color BB5DA8.

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](#).

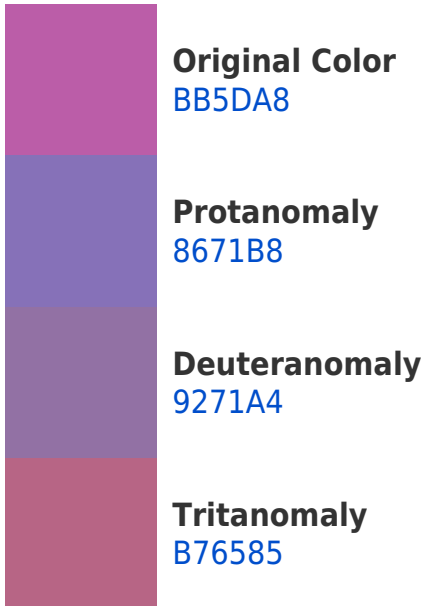
Dichromacy



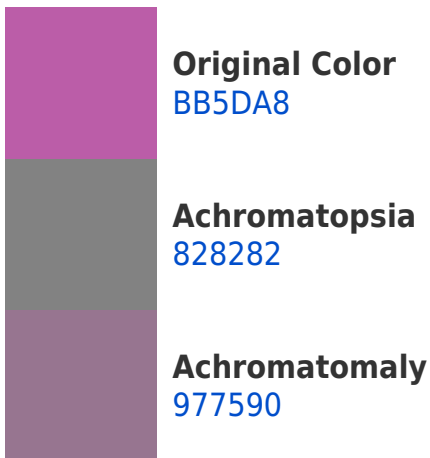


Tritanopia
B56971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB5DA8 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 #BB5DA8 looks like.

```
.text, #text, p{  
    color:#BB5DA8  
}
```

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 #BB5DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5DA8  
}
```

Border

The CSS property to change the border of an element to Hex BB5DA8 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  
#BB5DA8 }
```

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

```
.border{ border-color:#BB5DA8 }
```

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

Here you see how a box with a 4 pixel #BB5DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5DA8; -webkit-box-shadow:4px 4px  
4px 4px #BB5DA8; box-shadow:4px 4px 4px  
4px #BB5DA8 }
```

Background

The CSS property to change the background color of an element to Hex BB5DA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5DA8 }
```

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

```
.background{ background-color:#BB5DA8 }
```

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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