

Converting Colors

Hex(BD5BAA)

Have a look what the booklet for
Hex(BD5BAA) contains.

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Color

Hex(BD5BAA)

Conversions

Conversions Part 1

Format	Color
Hex	BD5BAA
RGB	189, 91, 170
RGB Percent	74%, 36%, 67%
CMY	0.2588, 0.6431, 0.3333
CMYK	0.00, 0.52, 0.10, 0.26
HSL	312°, 43%, 55%
HSV	312°, 52%, 74%
XYZ	31.9831, 21.2033, 40.4372
YIQ	129.3080, 33.0490, 45.3450

Conversions

Conversions Part 2

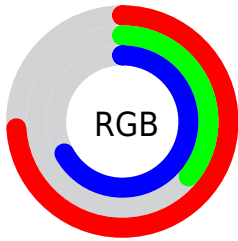
Format	Color
R_{YB}	189, 91, 170
Decimal	12409770
CIE _{Lab}	53.17, 49.62, -24.50
CIE _{LCh}	53, 55.340, 333.724
Yxy	21.2033, 0.3416, 0.2265
Android (android.graphics.Color)	4290599850 (0xFFBD5BAA)
YUV	129.3080, 20.0612, 52.3499
Hunter-Lab	46.0470, 43.3992, -19.8339

Details

The Hex color **BD5BAA** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5BBD6E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F791E1**, and **852576** is the 20% darker color. If you saturate the color by 10%, you get **BD48A6**, and if you desaturate by 10%, it is **BD6EAE**.

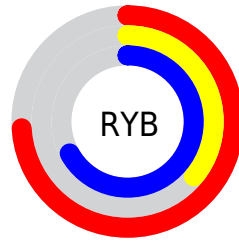
Distribution



Red (74%)

Green (36%)

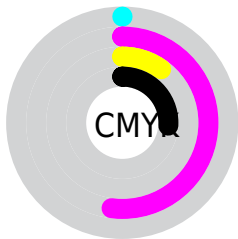
Blue (67%)



Red (74%)

Yellow (36%)

Blue (67%)

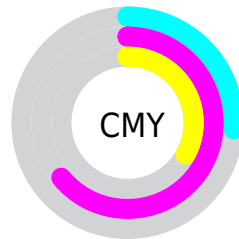


Cyan (0%)

Magenta (52%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5BAA 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 BD5BAA by changing the saturation by 10% instead.

 BD5BAA

 BD5BAA

FFFFFF

 A1408F

 F791E1

 852576

 FFACFE

 6A005D

 FFC9FF

 500045

 FFE5FF

 37002E

 1C0019

 000000

 BD5BAA

 BD5BAA

 BD48A6

 BD6EAE

 BD35A3

 BD81B1

 BD229F

 BD94B5

 BD0F9B

 BDA7B9

 BD0098

 BDBABC

 BDCCC0

 BDDFC4

 BDF2C7

 BDFFCB

Harmonies

Analogous

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



8770CF



BD5BAA



D4517B

Triad

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



BD5BAA



927F10



0095B3

Complementary

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



BD5BAA



5BBD6E

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



BD5BAA



618B28

Square

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



BD5BAA



B86D26



009253



008FD4

Rectangle

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



BD5BAA



D4555C



009253



0095A4

Sweetspot

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



BD5BAA



F5CEED



6D5BBD



7A6376



FAFAFA



7A7A7A

Same Dimension

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



BD5BAA



F55DD7



BD5B7A



5E555D



9E007F



1F0019

Inverse Universe

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



BD5BAA



F55DD7



5BBD9E



5E555D



9E007F



1F0019

Previews

White Background



This preview shows how the Hex color BD5BAA looks on a white background.

Color Contrast Check

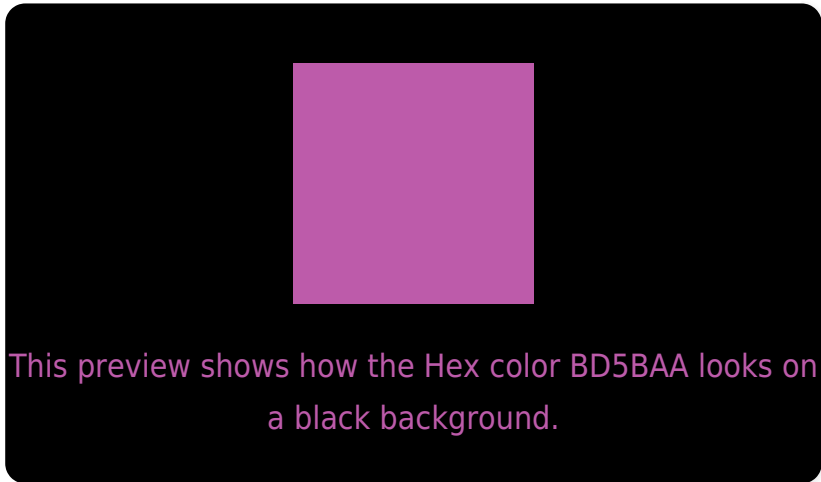
Large Text (above 18pt) WCAG AA ✓ Pass

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

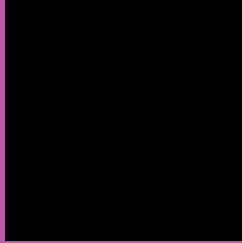
Any Text WCAG AA ✓ Pass

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 BD5BAA Background



This preview shows how black text looks on a background with the Hex color BD5BAA.

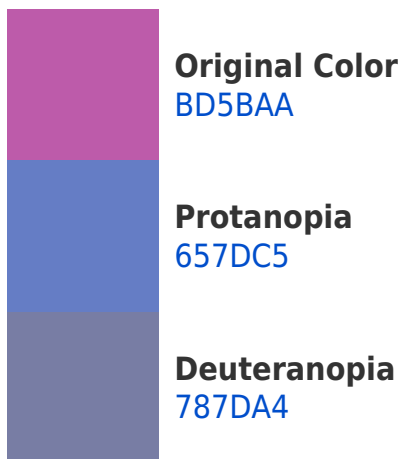


This preview shows how white text looks on a background with the Hex color BD5BAA.

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](#).

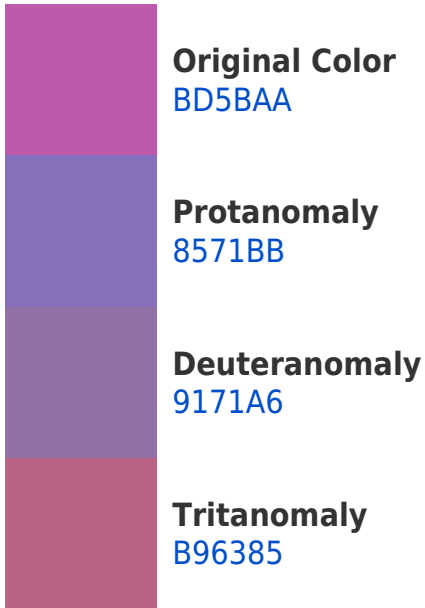
Dichromacy



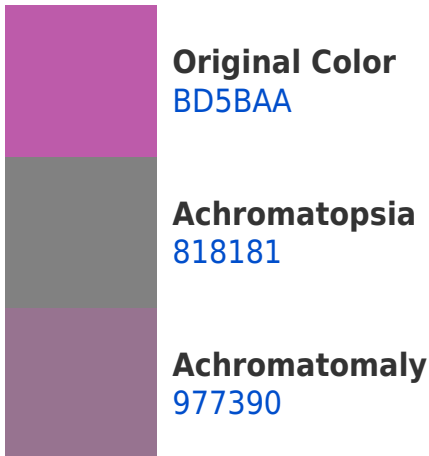


Tritanopia
B76870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD5BAA 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 #BD5BAA looks like.

```
.text, #text, p{  
  color:#BD5BAA  
}
```

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 #BD5BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5BAA
}
```

Border

The CSS property to change the border of an element to Hex BD5BAA 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
#BD5BAA }
```

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

```
.border{ border-color:#BD5BAA }
```

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

Here you see how a box with a 4 pixel #BD5BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5BAA; -webkit-box-shadow:4px 4px  
4px 4px #BD5BAA; box-shadow:4px 4px 4px  
4px #BD5BAA }
```

Background

The CSS property to change the background color of an element to Hex BD5BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5BAA }
```

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

```
.background{ background-color:#BD5BAA }
```

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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