

Converting Colors

Hex(BD5DAF)

Have a look what the booklet for
Hex(BD5DAF) contains.

Hex(BD5DAF)	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(BD5DAF)

Conversions

Conversions Part 1

Format	Color
Hex	BD5DAF
RGB	189, 93, 175
RGB Percent	74%, 36%, 69%
CMY	0.2588, 0.6353, 0.3137
CMYK	0.00, 0.51, 0.07, 0.26
HSL	309°, 42%, 55%
HSV	309°, 51%, 74%
XYZ	32.6385, 21.7427, 43.0340
YIQ	131.0520, 30.8940, 45.8540

Conversions

Conversions Part 2

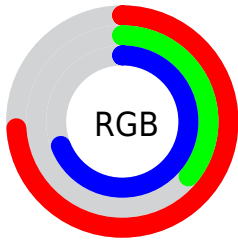
Format	Color
R_{YB}	189, 93, 175
Decimal	12410287
CIE _{Lab}	53.75, 49.47, -26.51
CIE _{LCh}	54, 56.129, 331.817
Yxy	21.7427, 0.3350, 0.2232
Android (android.graphics.Color)	4290600367 (0xFFBD5DAF)
YUV	131.0520, 21.6664, 50.8204
Hunter-Lab	46.6290, 43.3422, -22.0785

Details

The Hex color **BD5DAF** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5DBD6B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F793E7**, and **85277A** is the 20% darker color. If you saturate the color by 10%, you get **BD4AAC**, and if you desaturate by 10%, it is **BD70B2**.

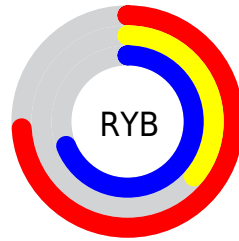
Distribution



Red (74%)

Green (36%)

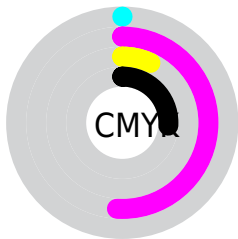
Blue (69%)



Red (74%)

Yellow (36%)

Blue (69%)

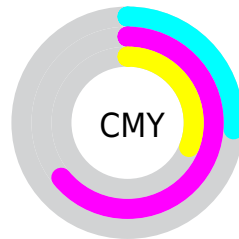


Cyan (0%)

Magenta (51%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5DAF 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 BD5DAF by changing the saturation by 10% instead.

 BD5DAF

 BD5DAF

FFFFFF

 A14394

 F793E7

 85277A

 FFAEFF

 6A0361

 FFCBFF

 500049

 FFE7FF

 370032

 1D001D

 000000

 BD5DAF

 BD5DAF

 BD4AAC

 BD70B2

 BD37A9

 BD83B5

 BD24A7

 BD96B7

 BD11A4

 BDA9BA

 BD00A1

 BDBBBB

 BDCEC0

 BDE1C2

 BDF4C5

 BDFFC8

Harmonies

Analogous

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



8472D3



BD5DAF



D65180

Triad

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



BD5DAF



967F0F



0097B2

Complementary

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



BD5DAF



5DBD6B

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.



009782



BD5DAF



658C26

Square

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



BD5DAF



BC6D28



019450



0091D5

Rectangle

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



BD5DAF



D7555F



019450



0097A3

Sweetspot

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



BD5DAF



F5D0EF



6A5DBD



7A6477



FAFAFA



7A7A7A

Same Dimension

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



BD5DAF



F55FDF



BD5D80



5E555D



9E0087



1F001A

Inverse Universe

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



BD5DAF



F55FDF



5DBD9A



5E555D



9E0087



1F001A

Previews

White Background



This preview shows how the Hex color BD5DAF looks on a white background.

Color Contrast Check

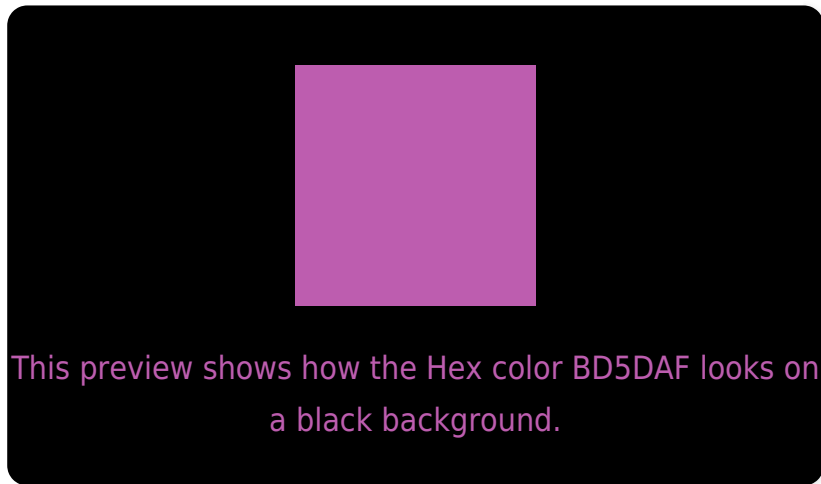
Large Text (above 18pt) WCAG AA ✓ Pass

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

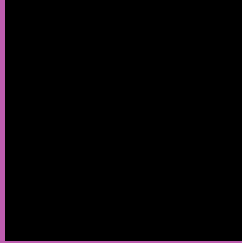
Any Text WCAG AA ✓ Pass

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 BD5DAF Background



This preview shows how black text looks on a background with the Hex color BD5DAF.

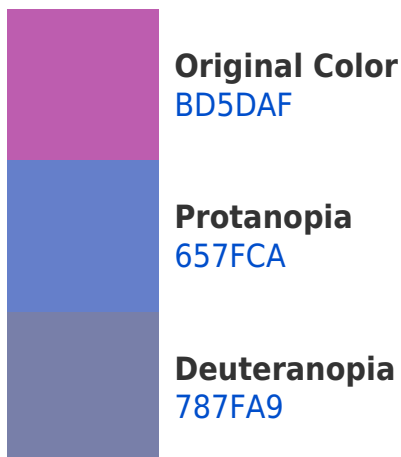



This preview shows how white text looks on a background with the Hex color BD5DAF.

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](#).

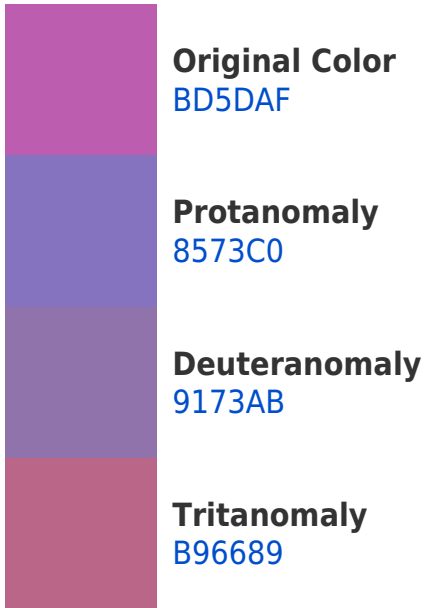
Dichromacy





Tritanopia
B66B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD5DAF 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 #BD5DAF looks like.

```
.text, #text, p{  
    color:#BD5DAF  
}
```

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 #BD5DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5DAF
}
```

Border

The CSS property to change the border of an element to Hex BD5DAF 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
#BD5DAF }
```

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

```
.border{ border-color:#BD5DAF }
```

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

Here you see how a box with a 4 pixel #BD5DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5DAF; -webkit-box-shadow:4px 4px  
4px 4px #BD5DAF; box-shadow:4px 4px 4px  
4px #BD5DAF }
```

Background

The CSS property to change the background color of an element to Hex BD5DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5DAF }
```

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

```
.background{ background-color:#BD5DAF }
```

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