

Converting Colors

Hex(BD7CD5)

Have a look what the booklet for
Hex(BD7CD5) contains.

Hex(BD7CD5)	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(BD7CD5)

Conversions

Conversions Part 1

Format	Color
Hex	BD7CD5
RGB	189, 124, 213
RGB Percent	74%, 49%, 84%
CMY	0.2588, 0.5137, 0.1647
CMYK	0.11, 0.42, 0.00, 0.16
HSL	284°, 51%, 66%
HSV	284°, 42%, 84%
XYZ	40.2042, 30.0382, 66.6298
YIQ	153.5810, 10.1710, 41.4590

Conversions

Conversions Part 2

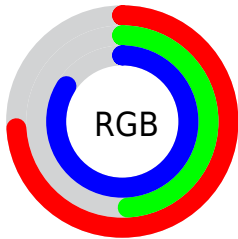
Format	Color
R _Y B	189, 124, 213
Decimal	12418261
CIE Lab	61.69, 40.47, -35.85
CIE LCh	62, 54.070, 318.462
Yxy	30.0382, 0.2937, 0.2195
Android (android.graphics.Color)	4290608341 (0xFFBD7CD5)
YUV	153.5810, 29.2936, 31.0625
Hunter-Lab	54.8071, 35.0275, -33.7146

Details

The Hex color **BD7CD5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94D57C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F7B2FF**, and **86499E** is the 20% darker color. If you saturate the color by 10%, you get **B767D5**, and if you desaturate by 10%, it is **C391D5**.

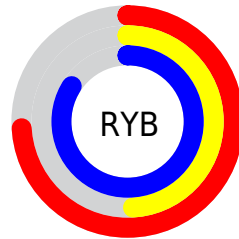
Distribution



Red (74%)

Green (49%)

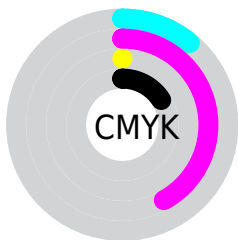
Blue (84%)



Red (74%)

Yellow (49%)

Blue (84%)

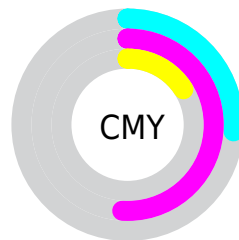


Cyan (11%)

Magenta (42%)

Yellow (0%)

Black (16%)



Cyan (26%)

Magenta (51%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD7CD5 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 BD7CD5 by changing the saturation by 10% instead.

 BD7CD5

 BD7CD5

FFFFFF

 A162B9

 F7B2FF

 86499E

 FFCEFF

 6B3084

 FFEAFF

 52176A

 380051

 23003A

 000023

 00000A

 000000

 BD7CD5

 BD7CD5

 B767D5

 C391D5

 B251D5

 C8A7D5

 AC3CD5

 CEBCD5

 A627D5

 D4D1D5

 A012D5

 DAE7D5

 9C00D5

 DFFCD5

 E5FFD5

 EBFFD5

 F1FFD5

Harmonies

Analogous

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



7690F0



BD7CD5



E36CAA

Triad

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



BD7CD5



BF8C33



00ACB2

Complementary

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



BD7CD5



94D57C

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.



00AB80



BD7CD5



939C33

Square

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



BD7CD5



DF794F



5AA652



00A9DC

Rectangle

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



BD7CD5



ED6A89



5AA652



00ADA2

Sweetspot

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



BD7CD5



F6DEFF



7C95D5



7A6B80



000000



808080

Same Dimension

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



BD7CD5



DD80FF



D57CC2



68606B



7D00AB



20002B

Inverse Universe

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



D57C94



FF80A2



7CD58F



6B6063



AB002E



2B000C

Previews

White Background



This preview shows how the Hex color BD7CD5 looks on a white background.

Color Contrast Check

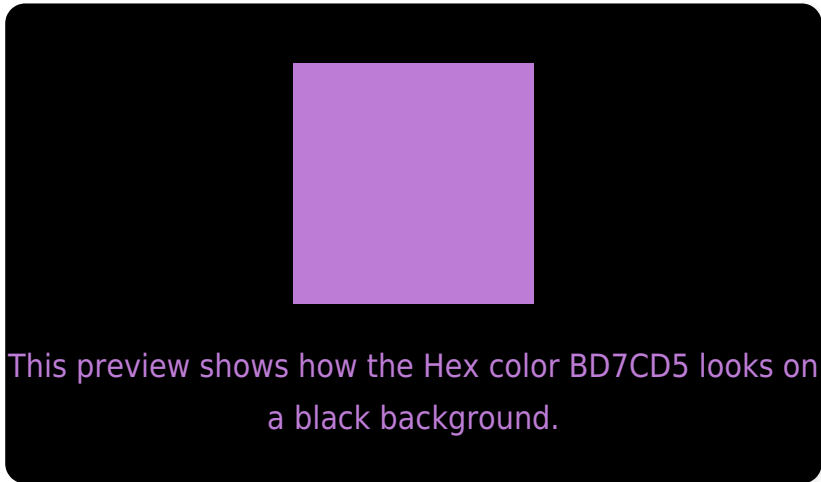
Large Text (above 18pt) WCAG AA ✓ Pass

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

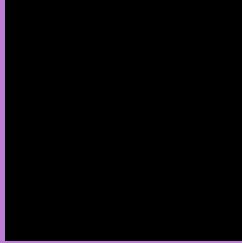
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD7CD5 Background



This preview shows how black text looks on a background with the Hex color BD7CD5.

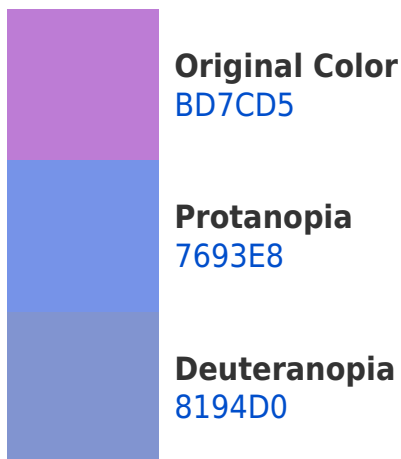



This preview shows how white text looks on a background with the Hex color BD7CD5.

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](#).

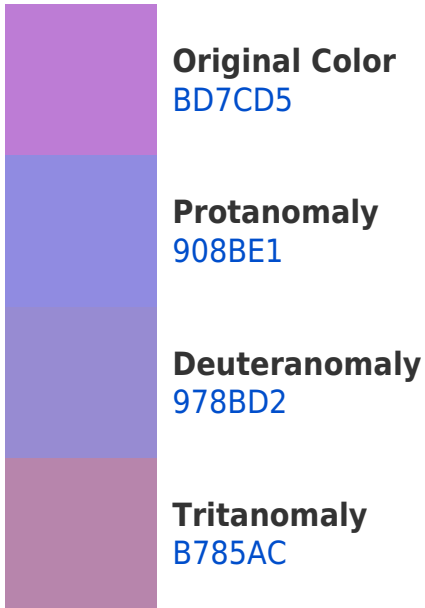
Dichromacy



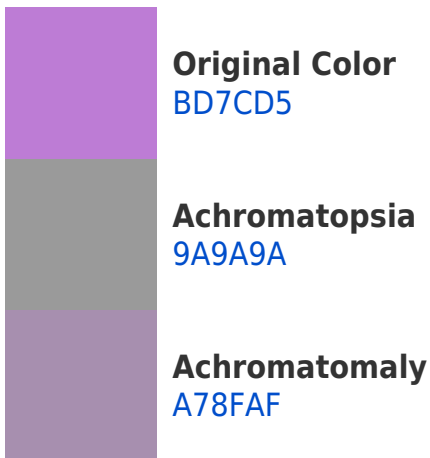


Tritanopia
B38A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD7CD5 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 #BD7CD5 looks like.

```
.text, #text, p{  
    color:#BD7CD5  
}
```

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 #BD7CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7CD5
}
```

Border

The CSS property to change the border of an element to Hex BD7CD5 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
#BD7CD5 }
```

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

```
.border{ border-color:#BD7CD5 }
```

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

Here you see how a box with a 4 pixel #BD7CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7CD5; -webkit-box-shadow:4px 4px  
4px 4px #BD7CD5; box-shadow:4px 4px 4px  
4px #BD7CD5 }
```

Background

The CSS property to change the background color of an element to Hex BD7CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7CD5 }
```

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

```
.background{ background-color:#BD7CD5 }
```

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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