

Converting Colors

Hex(BD57CC)

Have a look what the booklet for
Hex(BD57CC) contains.

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Color

Hex(BD57CC)

Conversions

Conversions Part 1

Format	Color
Hex	BD57CC
RGB	189, 87, 204
RGB Percent	74%, 34%, 80%
CMY	0.2588, 0.6588, 0.2000
CMYK	0.07, 0.57, 0.00, 0.20
HSL	292°, 53%, 57%
HSV	292°, 57%, 80%
XYZ	35.2935, 21.9948, 59.5120
YIQ	130.8360, 23.2350, 58.0110

Conversions

Conversions Part 2

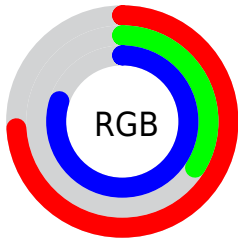
Format	Color
RYB	189, 87, 204
Decimal	12408780
CIELab	54.02, 57.56, -42.80
CIELCh	54, 71.730, 323.371
Yxy	21.9948, 0.3022, 0.1883
Android (android.graphics.Color)	4290598860 (0xFFBD57CC)
YUV	130.8360, 36.0699, 51.0098
Hunter-Lab	46.8987, 52.2574, -42.4069

Details

The Hex color **BD57CC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **66CC57**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F88EFF**, and **851D95** is the 20% darker color. If you saturate the color by 10%, you get **BA43CC**, and if you desaturate by 10%, it is **C06BCC**.

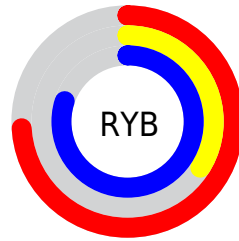
Distribution



Red (74%)

Green (34%)

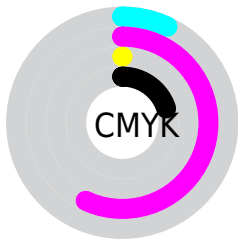
Blue (80%)



Red (74%)

Yellow (34%)

Blue (80%)

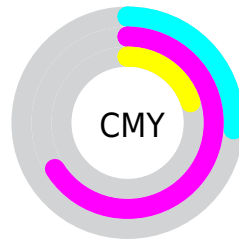


Cyan (7%)

Magenta (57%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (66%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD57CC 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 BD57CC by changing the saturation by 10% instead.

 BD57CC

 BD57CC

FFFFFF

 A13BB0

 F88EFF

 851D95

 FFA9FF

 69007B

 FFC6FF

 4E0062

 FFE3FF

 350049

 1A0032

 00011C

 000000

 BD57CC

 BD57CC

 BA43CC

 C06BCC

 B82ECC

 C280CC

 B51ACC

 C594CC

 B305CC

 C7A9CC

 B200CC

 CABDCC

 CDD1CC

 CFE6CC

 D2FACC

 D5FFCC

Harmonies

Analogous

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



5D77F4



BD57CC



E73A92

Triad

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



BD57CC



A77A00



009CB1

Complementary

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



BD57CC



66CC57

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.



009C71



BD57CC



6D8C00

Square

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



BD57CC



D35E17



009730



0099E4

Rectangle

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



BD57CC



ED3968



009730



009D9C

Sweetspot

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



BD57CC



F9D4FF



5767CC



7C6680



000000



808080

Same Dimension

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



BD57CC



E84FFF



CC57A1



655C66



9100A6



210026

Inverse Universe

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



CC5766



FF4F66



57CC82



665C5D



A60015



260005

Previews

White Background



This preview shows how the Hex color BD57CC 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

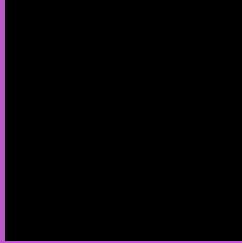
Any Text WCAG AA ✓ Pass

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 BD57CC Background



This preview shows how black text looks on a background with the Hex color BD57CC.

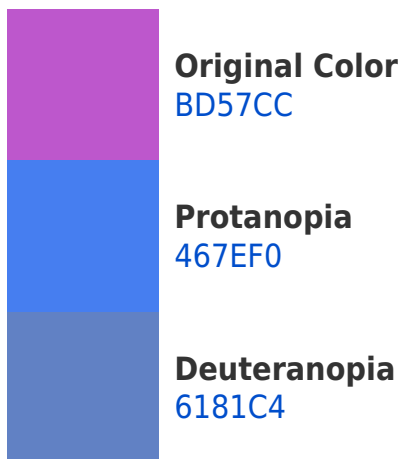



This preview shows how white text looks on a background with the Hex color BD57CC.

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](#).

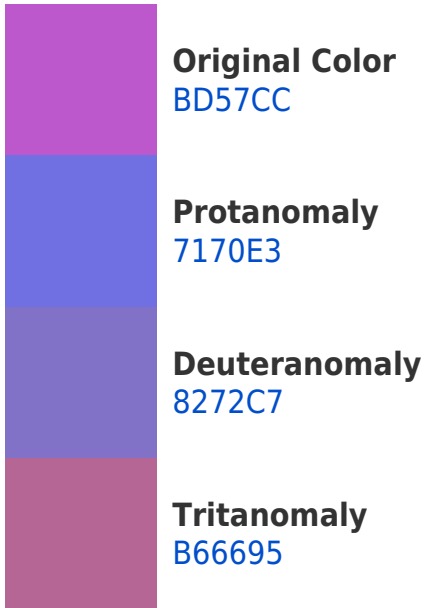
Dichromacy





Tritanopia
B26E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD57CC 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 #BD57CC looks like.

```
.text, #text, p{  
    color:#BD57CC  
}
```

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 #BD57CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD57CC
}
```

Border

The CSS property to change the border of an element to Hex BD57CC 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
#BD57CC }
```

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

```
.border{ border-color:#BD57CC }
```

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

Here you see how a box with a 4 pixel #BD57CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD57CC; -webkit-box-shadow:4px 4px  
4px 4px #BD57CC; box-shadow:4px 4px 4px  
4px #BD57CC }
```

Background

The CSS property to change the background color of an element to Hex BD57CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD57CC }
```

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

```
.background{ background-color:#BD57CC }
```

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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