

Converting Colors

Hex(BD58C1)

Have a look what the booklet for
Hex(BD58C1) contains.

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Color

Hex(**BD58C1**)

Conversions

Conversions Part 1

Format	Color
Hex	BD58C1
RGB	189, 88, 193
RGB Percent	74%, 35%, 76%
CMY	0.2588, 0.6549, 0.2431
CMYK	0.02, 0.54, 0.00, 0.24
HSL	298°, 46%, 55%
HSV	298°, 54%, 76%
XYZ	34.1016, 21.6485, 52.8333
YIQ	130.1690, 26.4910, 54.0670

Conversions

Conversions Part 2

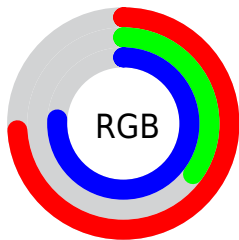
Format	Color
RYB	189, 88, 193
Decimal	12409025
CIELab	53.65, 55.06, -37.07
CIElCh	54, 66.381, 326.050
Yxy	21.6485, 0.3141, 0.1994
Android (android.graphics.Color)	4290599105 (0xFFBD58C1)
YUV	130.1690, 30.9757, 51.5948
Hunter-Lab	46.5280, 49.4036, -34.7552

Details

The Hex color **BD58C1** 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 **5CC158**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F78EFA**, and **851F8B** is the 20% darker color. If you saturate the color by 10%, you get **BC45C1**, and if you desaturate by 10%, it is **BE6BC1**.

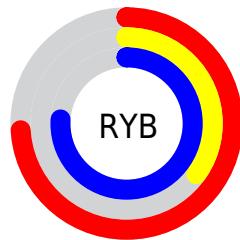
Distribution



Red (74%)

Green (35%)

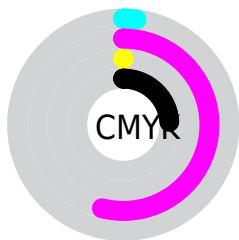
Blue (76%)



Red (74%)

Yellow (35%)

Blue (76%)

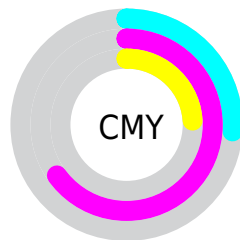


Cyan (2%)

Magenta (54%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (65%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD58C1 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 BD58C1 by changing the saturation by 10% instead.

 BD58C1

 BD58C1

FFFFFF

 A13DA6

 F78EFA

 851F8B

 FFAAFF

 6A0071

 FFC6FF

 4F0058

 FFE3FF

 360040

 1C002A

 000113

 000000

 BD58C1

 BD58C1

 BC45C1

 BE6BC1

 BC31C1

 BE7FC1

 BB1EC1

 BF92C1

 BA0BC1

 C0A5C1

 BA00C1

 C1B9C1

 C1CCC1

 C2DFC1

 C3F2C1

 C4FFC1

Harmonies

Analogous

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



6D74E8



BD58C1



E0428A

Triad

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



BD58C1



A17B00



009AB1

Complementary

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



BD58C1



5CC158

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.



009977



BD58C1



6A8C00

Square

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



BD58C1



CB631C



00953B



0095DF

Rectangle

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



BD58C1



E54364



00953B



009A9E

Sweetspot

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



BD58C1



F8D2FA



585DC1



7C657D



FCFCFC



7D7D7D

Same Dimension

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



BD58C1



F457FA



C15892



615761



9B00A1



200021

Inverse Universe

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



C1585C



FA575E



58C187



615758



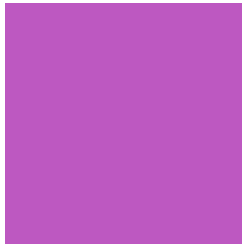
A10006



210001

Previews

White Background



This preview shows how the Hex color BD58C1 looks on a white background.

Color Contrast Check

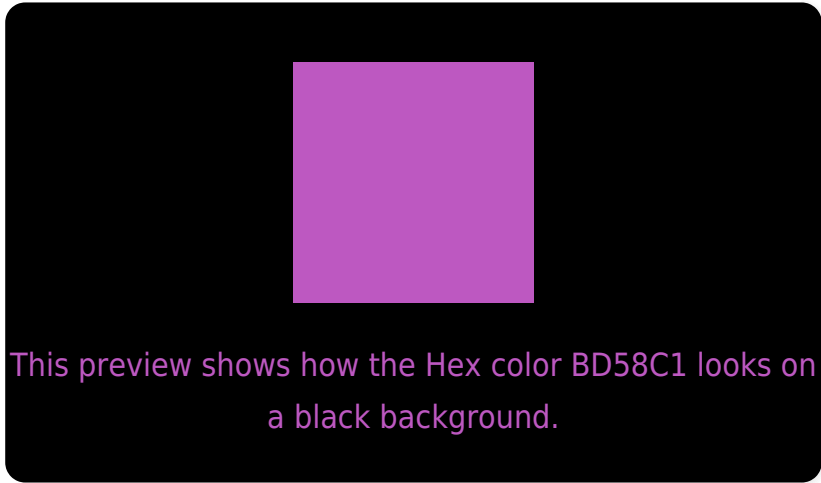
Large Text (above 18pt) WCAG AA ✓ Pass

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

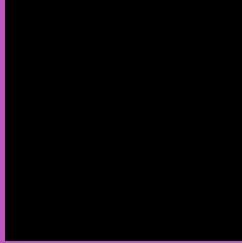
Any Text WCAG AA ✓ Pass

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 BD58C1 Background



This preview shows how black text looks on a background with the Hex color BD58C1.

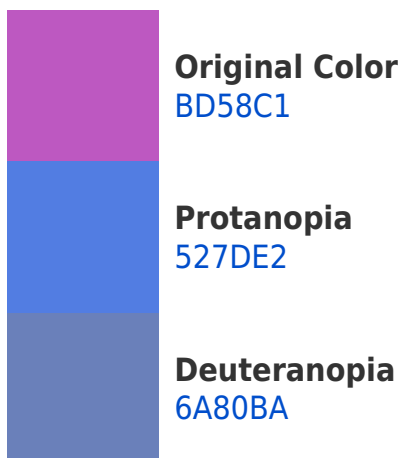



This preview shows how white text looks on a background with the Hex color BD58C1.

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
B36C74

Trichromacy



Original Color
BD58C1



Protanomaly
7970D6



Deuteranomaly
8871BD



Tritanomaly
B76590

Monochromacy



Original Color
BD58C1



Achromatopsia
828282



Achromatomaly
977399

CSS Examples

Text

The CSS property to change the color of the text to Hex BD58C1 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 #BD58C1 looks like.

```
.text, #text, p{  
    color:#BD58C1  
}
```

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 #BD58C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD58C1
}
```

Border

The CSS property to change the border of an element to Hex BD58C1 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
#BD58C1 }
```

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

```
.border{ border-color:#BD58C1 }
```

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

Here you see how a box with a 4 pixel #BD58C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD58C1; -webkit-box-shadow:4px 4px  
4px 4px #BD58C1; box-shadow:4px 4px 4px  
4px #BD58C1 }
```

Background

The CSS property to change the background color of an element to Hex BD58C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD58C1 }
```

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

```
.background{ background-color:#BD58C1 }
```

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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