

Converting Colors

Hex(BD809B)

Have a look what the booklet for
Hex(BD809B) contains.

Hex(BD809B)	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(BD809B)

Conversions

Conversions Part 1

Format	Color
Hex	BD809B
RGB	189, 128, 155
RGB Percent	74%, 50%, 61%
CMY	0.2588, 0.4980, 0.3922
CMYK	0.00, 0.32, 0.18, 0.26
HSL	333°, 32%, 62%
HSV	333°, 32%, 74%
XYZ	34.6218, 28.6237, 34.7105
YIQ	149.3170, 27.6890, 21.3290

Conversions

Conversions Part 2

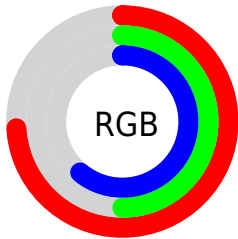
Format	Color
RYB	189, 128, 155
Decimal	12419227
CIELab	60.45, 27.57, -4.82
CIELCh	60, 27.987, 350.087
Yxy	28.6237, 0.3534, 0.2922
Android (android.graphics.Color)	4290609307 (0xFFBD809B)
YUV	149.3170, 2.8017, 34.8020
Hunter-Lab	53.5011, 21.8845, -1.0154

Details

The Hex color **BD809B** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80BDA2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F6B5D1**, and **864E68** is the 20% darker color. If you saturate the color by 10%, you get **BD6D90**, and if you desaturate by 10%, it is **BD93A6**.

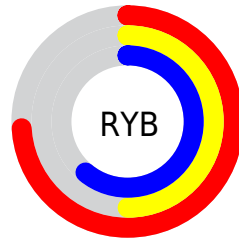
Distribution



Red (74%)

Green (50%)

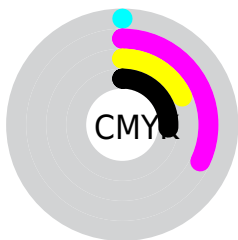
Blue (61%)



Red (74%)

Yellow (50%)

Blue (61%)

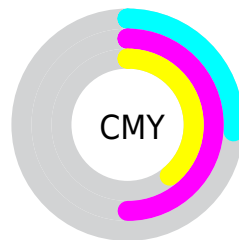


Cyan (0%)

Magenta (32%)

Yellow (18%)

Black (26%)



Cyan (26%)

Magenta (50%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD809B 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 BD809B by changing the saturation by 10% instead.

 BD809B

 BD809B

FFFFFF

 A16681

 F6B5D1

 864E68

 FFD1EE

 6C3650

 FFEEFF

 531F39

 3A0723

 27000E

 000000

 BD809B

 BD809B

 BD6D90

 BD93A6

 BD5A86

 BDA6B0

 BD477B

 BDB9BB

 BD3471

 BDCCC5

 BD2166

 BDDFD0

 BD0F5C

 BDF1DA

 BD0054

 BDFFE5

 BDFFEF

 BDFFFA

Harmonies

Analogous

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



A986B2



BD809B



C38082

Triad

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



BD809B



929563



469CB7

Complementary

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



BD809B



80BDA2

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.



429FA2



BD809B



769B71

Square

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



BD809B



AA8D61



599F88



6597C2

Rectangle

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



BD809B



C08373



599F88



419EB1

Sweetspot

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



BD809B



F5DCE7



A280BD



7A6C72



FAFAFA



7A7A7A

Same Dimension

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



BD809B



F595C0



BD8380



5E5559



9E0046



1F000E

Inverse Universe

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



BD809B



F595C0



80BABD



5E5559



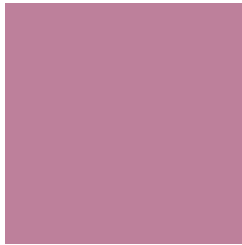
9E0046



1F000E

Previews

White Background



This preview shows how the Hex color BD809B looks on a white background.

Color Contrast Check

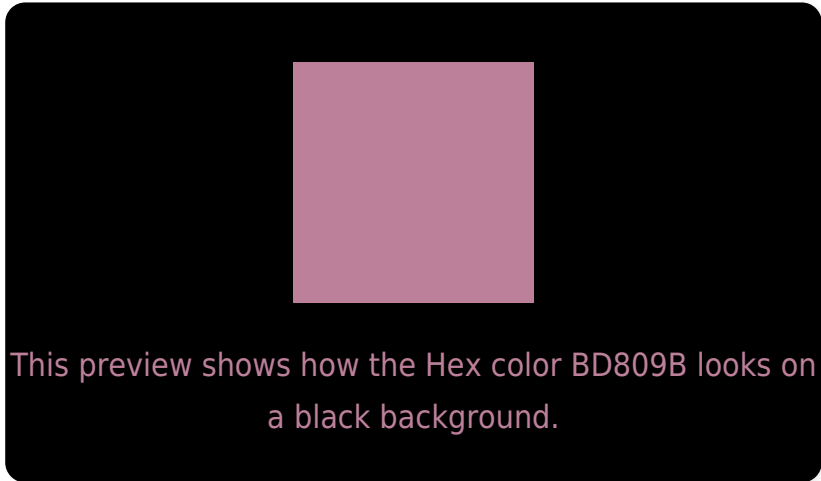
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD809B Background



This preview shows how black text looks on a background with the Hex color BD809B.



This preview shows how white text looks on a background with the Hex color BD809B.

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



Original Color
BD809B

Protanopia
8F91A6

Deuteranopia
9D8E99



Tritanopia
BB838C

Trichromacy



Original Color
BD809B

Protanomaly
A08BA2

Deuteranomaly
A9899A

Tritanomaly
BC8291

Monochromacy



Original Color
BD809B

Achromatopsia
959595

Achromatomaly
A48D97

CSS Examples

Text

The CSS property to change the color of the text to Hex BD809B 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 #BD809B looks like.

```
.text, #text, p{  
    color:#BD809B  
}
```

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 #BD809B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD809B
}
```

Border

The CSS property to change the border of an element to Hex BD809B 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
#BD809B }
```

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

```
.border{ border-color:#BD809B }
```

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

Here you see how a box with a 4 pixel #BD809B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD809B; -webkit-box-shadow:4px 4px  
4px 4px #BD809B; box-shadow:4px 4px 4px  
4px #BD809B }
```

Background

The CSS property to change the background color of an element to Hex BD809B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD809B }
```

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

```
.background{ background-color:#BD809B }
```

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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