

# Converting Colors

Hex(BD829A)

Have a look what the booklet for  
Hex(BD829A) contains.

<b>Hex(BD829A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BD829A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD829A
RGB	189, 130, 154
RGB Percent	74%, 51%, 60%
CMY	0.2588, 0.4902, 0.3961
CMYK	0.00, 0.31, 0.19, 0.26
HSL	336°, 31%, 63%
HSV	336°, 31%, 74%
XYZ	34.8016, 29.1172, 34.3578
YIQ	150.3770, 27.4600, 19.9720

# Conversions

## Conversions Part 2

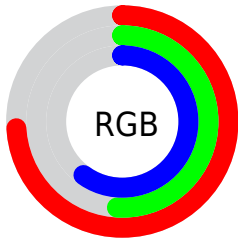
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 130, 154
Decimal	12419738
CIE Lab	60.88, 26.30, -3.60
CIE LCh	61, 26.549, 352.206
Yxy	29.1172, 0.3541, 0.2963
Android (android.graphics.Color)	4290609818 (0xFFBD829A)
YUV	150.3770, 1.7861, 33.8724
Hunter-Lab	53.9603, 20.6927, 0.0209

# Details

The Hex color **BD829A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82BDA5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F6B8D0**, and **875067** is the 20% darker color. If you saturate the color by 10%, you get **BD6F8F**, and if you desaturate by 10%, it is **BD95A5**.

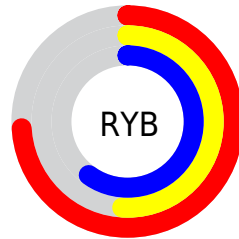
# Distribution



Red (74%)

Green (51%)

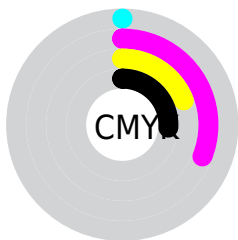
Blue (60%)



Red (74%)

Yellow (51%)

Blue (60%)

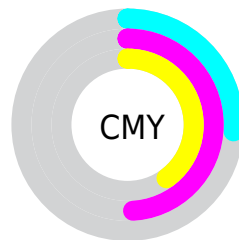


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD829A 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 BD829A by changing the saturation by 10% instead.



 BD829A

FFFFFF

 F6B8D0

 FFD3ED

 FFF0FF

 BD829A

 A16880

 875067

 6C384F

 532138

 3B0923

 27000D

 000000

 BD829A

 BD6F8F

 BD829A

 BD95A5

 BD5C84

 BDA8B0

 BD4978

 BDBBBC

 BD366D

 BDCEC7

 BD2362

 BDE1D2

 BD1157

 BDF3DD

 BD004D

 BDFFE8

 BDFFF4

 BDFFFF

# Harmonies

## Analogous

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



AB87B0



BD829A



C28282

# Triad

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



BD829A



919767



4F9DB7

# Complementary

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



BD829A



82BDA5

# 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.



49A0A4



BD829A



769C75

# Square

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



BD829A



A98F65



5C9F8C



6B97C1

# Rectangle

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



BD829A



BE8574



5C9F8C



4A9EB2



# Sweetspot

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



BD829A



F5DFE8



A482BD



7A6D72



FAFAFA



7A7A7A



# Same Dimension

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



BD829A



F59ABF



BD8782



5E5559



9E0040



1F000C



# Inverse Universe

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



BD829A



F59ABF



82B8BD



5E5559



9E0040

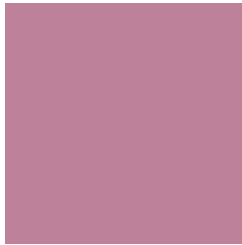


1F000C



# Previews

## White Background



This preview shows how the Hex color BD829A looks on a white background.

## Color Contrast Check

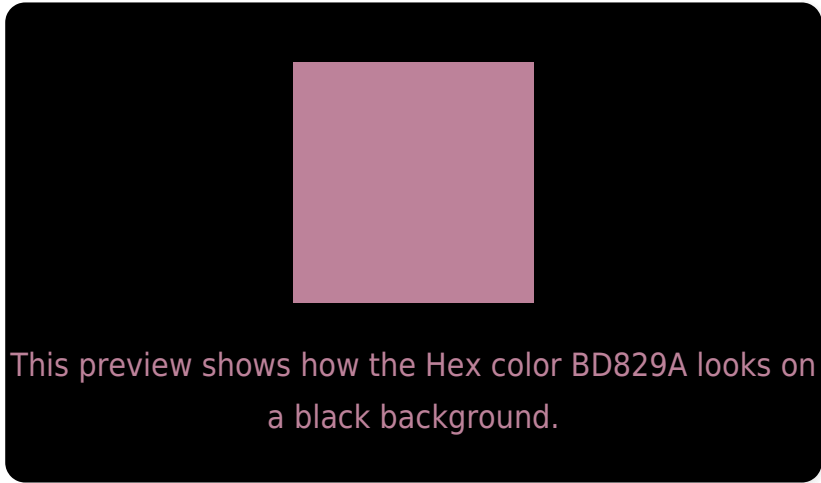
Large Text (above 18pt) WCAG AA ✓ Pass

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

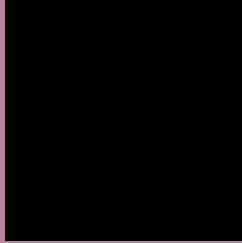
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD829A Background



This preview shows how black text looks on a background with the Hex color BD829A.

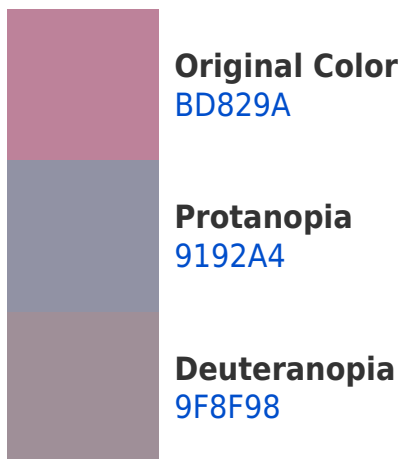


This preview shows how white text looks on a background with the Hex color BD829A.

# 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**  
BC848E

# Trichromacy



**Original Color**  
BD829A

**Protanomaly**  
A18CA0

**Deuteranomaly**  
AA8A99

**Tritanomaly**  
BC8392

# Monochromacy



**Original Color**  
BD829A

**Achromatopsia**  
969696

**Achromatomaly**  
A48F97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD829A 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 #BD829A looks like.

```
.text, #text, p{  
    color:#BD829A  
}
```

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 #BD829A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD829A
}
```

## Border

The CSS property to change the border of an element to Hex BD829A 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
#BD829A }
```

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

```
.border{ border-color:#BD829A }
```

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

Here you see how a box with a 4 pixel #BD829A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD829A; -webkit-box-shadow:4px 4px  
4px 4px #BD829A; box-shadow:4px 4px 4px  
4px #BD829A }
```

# Background

The CSS property to change the background color of an element to Hex BD829A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD829A }
```

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

```
.background{ background-color:#BD829A }
```

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