

# Converting Colors

Hex(BD67A3)

Have a look what the booklet for  
Hex(BD67A3) contains.

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# Color

Hex(BD67A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	BD67A3
RGB	189, 103, 163
RGB Percent	74%, 40%, 64%
CMY	0.2588, 0.5961, 0.3608
CMYK	0.00, 0.46, 0.14, 0.26
HSL	318°, 39%, 57%
HSV	318°, 46%, 74%
XYZ	32.4474, 23.1637, 37.4112
YIQ	135.5540, 31.9960, 36.8920

# Conversions

## Conversions Part 2

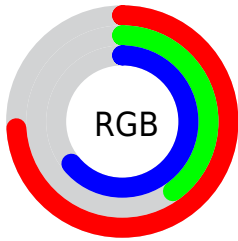
Format	Color
R <sub>YB</sub>	189, 103, 163
Decimal	12412835
CIE Lab	55.24, 42.38, -17.25
CIE LCh	55, 45.755, 337.849
Yxy	23.1637, 0.3488, 0.2490
Android (android.graphics.Color)	4290602915 (0xFFBD67A3)
YUV	135.5540, 13.5309, 46.8721
Hunter-Lab	48.1286, 36.1160, -12.3971

# Details

The Hex color **BD67A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67BD81**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F79CDA**, and **86346F** is the 20% darker color. If you saturate the color by 10%, you get **BD549D**, and if you desaturate by 10%, it is **BD7AA9**.

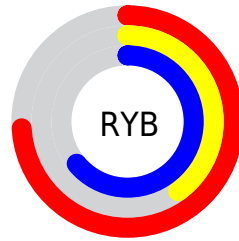
# Distribution



Red (74%)

Green (40%)

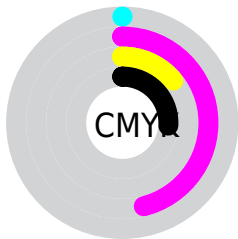
Blue (64%)



Red (74%)

Yellow (40%)

Blue (64%)

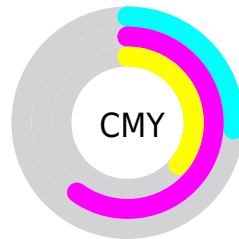


Cyan (0%)

Magenta (46%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD67A3 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 BD67A3 by changing the saturation by 10% instead.



 BD67A3

 BD67A3

FFFFFF

 A14D89

 F79CDA

 86346F

 FFB8F7

 6B1957

 FFD4FF

 51003F

 FFF1FF

 380029

 200014

 000000

 BD67A3

 BD67A3

 BD549D

 BD7AA9

 BD4198

 BD8DAE

 BD2E92

 BDA0B4

 BD1B8C

 BDB3BA

 BD0886

 BDC6C0

 BD0084

 BDD8C5

 BDEBCB

 BDFED1

 BDDFFD6

# Harmonies

## Analogous

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



9576C3



BD67A3



CE627B

# Triad

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



BD67A3



918631



0097B4

# Complementary

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



BD67A3



67BD81

# 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.



00988E



BD67A3



679043

# Square

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



BD67A3



B3773A



289665



0090CD

# Rectangle

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



BD67A3



CD6561



289665



0098A8



# Sweetspot

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



BD67A3



F5D3EA



8167BD



7A6674



FAFAFA



7A7A7A



# Same Dimension

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



BD67A3



F56ECC



BD6778



5E555B



9E006E



1F0015



# Inverse Universe

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



BD67A3



F56ECC



67BDAC



5E555B



9E006E



1F0015



# Previews

## White Background



This preview shows how the Hex color BD67A3 looks on a white background.

## Color Contrast Check

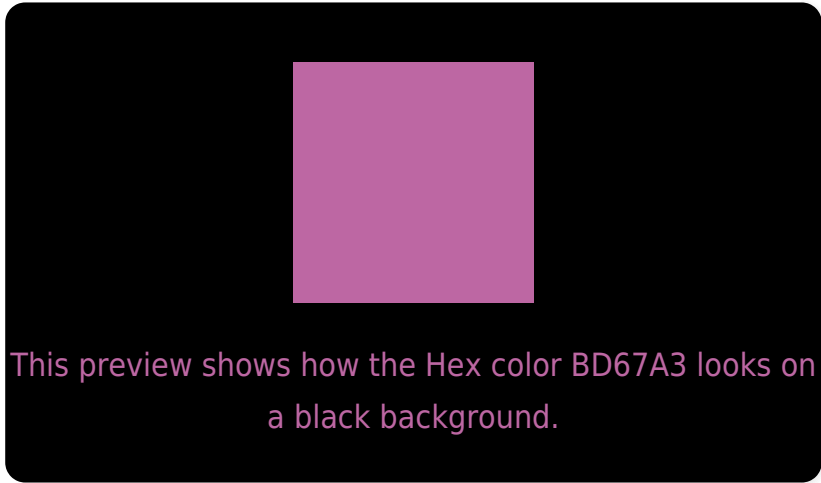
Large Text (above 18pt) WCAG AA ✓ Pass

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

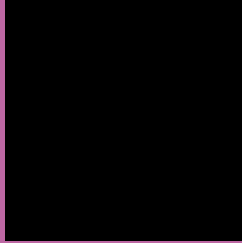
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD67A3 Background



This preview shows how black text looks on a background with the Hex color BD67A3.

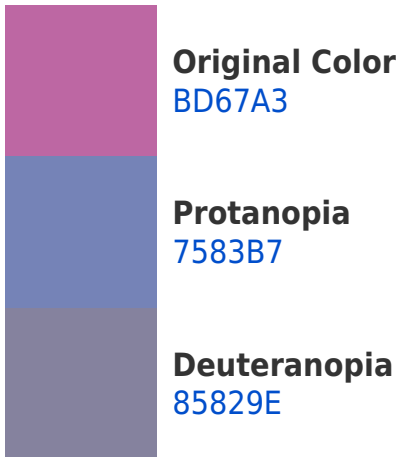


This preview shows how white text looks on a background with the Hex color BD67A3.

# 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](#).

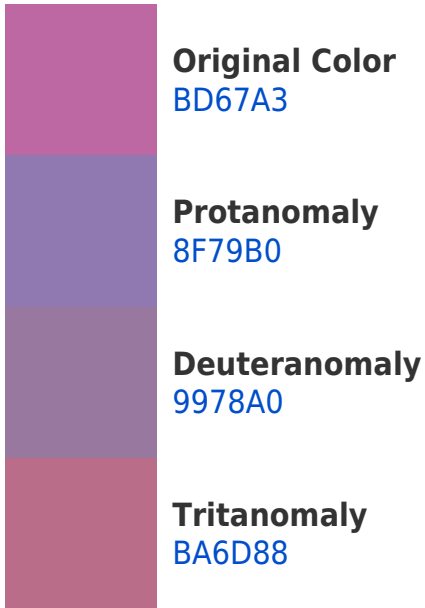
## Dichromacy





**Tritanopia**  
B87078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD67A3 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 #BD67A3 looks like.

```
.text, #text, p{  
    color:#BD67A3  
}
```

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 #BD67A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD67A3
}
```

## Border

The CSS property to change the border of an element to Hex BD67A3 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
#BD67A3 }
```

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

```
.border{ border-color:#BD67A3 }
```

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

Here you see how a box with a 4 pixel #BD67A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD67A3; -webkit-box-shadow:4px 4px  
4px 4px #BD67A3; box-shadow:4px 4px 4px  
4px #BD67A3 }
```

# Background

The CSS property to change the background color of an element to Hex BD67A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD67A3 }
```

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

```
.background{ background-color:#BD67A3 }
```

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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