

# Converting Colors

Hex(BE8DD7)

Have a look what the booklet for  
Hex(BE8DD7) contains.

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# Color

Hex(**BE8DD7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE8DD7
RGB	190, 141, 215
RGB Percent	75%, 55%, 84%
CMY	0.2549, 0.4471, 0.1569
CMYK	0.12, 0.34, 0.00, 0.16
HSL	280°, 48%, 70%
HSV	280°, 34%, 84%
XYZ	43.0258, 34.9032, 68.7593
YIQ	164.0870, 5.4500, 33.4020

# Conversions

## Conversions Part 2

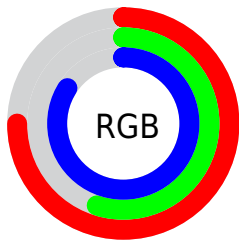
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 141, 215
Decimal	12488151
CIELab	65.67, 31.87, -30.77
CIELCh	66, 44.304, 316.008
Yxy	34.9032, 0.2933, 0.2379
Android (android.graphics.Color)	4290678231 (0xFFBE8DD7)
YUV	164.0870, 25.1001, 22.7257
Hunter-Lab	59.0789, 26.6093, -27.6497

# Details

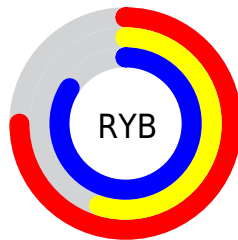
The Hex color **BE8DD7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6D78D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F7C3FF**, and **885AA0** is the 20% darker color. If you saturate the color by 10%, you get **B778D7**, and if you desaturate by 10%, it is **C5A3D7**.

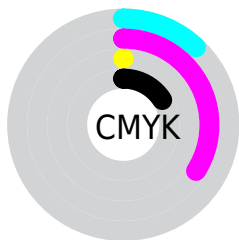
# Distribution



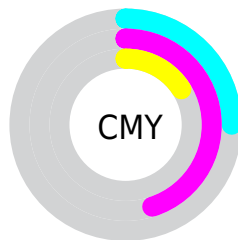
- Red (75%)
- Green (55%)
- Blue (84%)



- Red (75%)
- Yellow (55%)
- Blue (84%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE8DD7 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 BE8DD7 by changing the saturation by 10% instead.



 BE8DD7

 BE8DD7

FFFFFF

 A273BB

 F7C3FF

 885AA0

 FFDFFF

 6D4286

 FFFCFF

 542A6C

 3B1353

 24003C

 050026

 00010E

 000000

 BE8DD7

 BE8DD7

 B778D7

 C5A3D7

 AF62D7

 CDB8D7

 A84DD7

 D4CED7

 A137D7

 DBE3D7

 9A22D7

 E2F9D7

 920CD7

 EAFFD7

 8E00D7

 F1FFD7

 F8FFD7

 FFFF7

# Harmonies

## Analogous

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



859CEC



BE8DD7



E081B4

# Triad

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



BE8DD7



C89752



00B4B4

# Complementary

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



BE8DD7



A6D78D

# 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.



39B38B



BE8DD7



A3A451

# Square

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



BE8DD7



E28968



76AD67



00B1D8

# Rectangle

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



BE8DD7



EA7F99



76AD67



00B4A6



# Sweetspot

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



BE8DD7



F6E6FF



8DA7D7



7A7080



000000



808080



# Same Dimension

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



BE8DD7



DC96FF



D78DCC



67606B



7100AB



1D002B



# Inverse Universe

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



D78DA6



FF96BA



8DD798



6B6064



AB003A

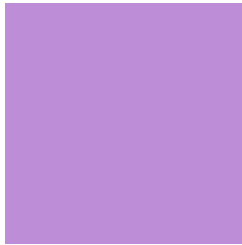


2B000F



# Previews

## White Background



This preview shows how the Hex color BE8DD7 looks on a white background.

## Color Contrast Check

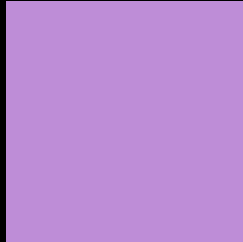
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BE8DD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

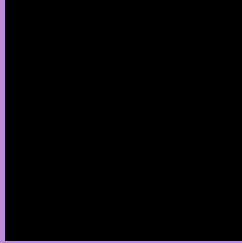
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BE8DD7 Background



This preview shows how black text looks on a background with the Hex color BE8DD7.

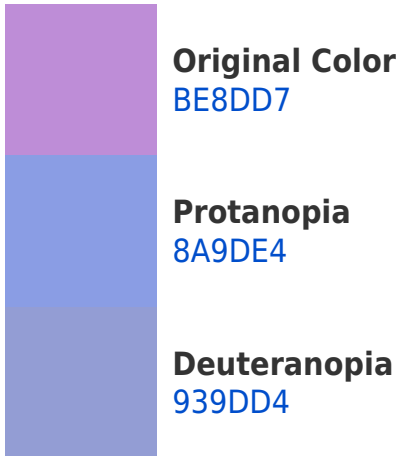


This preview shows how white text looks on a background with the Hex color BE8DD7.

# 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**  
B697A3

# Trichromacy



**Original Color**  
BE8DD7



**Protanomaly**  
9D97DF



**Deuteranomaly**  
A397D5



**Tritanomaly**  
B993B6

# Monochromacy



**Original Color**  
BE8DD7



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
AD9CB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE8DD7 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 #BE8DD7 looks like.

```
.text, #text, p{  
    color:#BE8DD7  
}
```

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 #BE8DD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE8DD7
}
```

## Border

The CSS property to change the border of an element to Hex BE8DD7 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
#BE8DD7 }
```

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

```
.border{ border-color:#BE8DD7 }
```

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

Here you see how a box with a 4 pixel #BE8DD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE8DD7; -webkit-box-shadow:4px 4px  
4px 4px #BE8DD7; box-shadow:4px 4px 4px  
4px #BE8DD7 }
```

# Background

The CSS property to change the background color of an element to Hex BE8DD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE8DD7 }
```

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

```
.background{ background-color:#BE8DD7 }
```

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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