

# Converting Colors

Hex(BD8383)

Have a look what the booklet for  
Hex(BD8383) contains.

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# **Color**

**Hex(BD8383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8383
RGB	189, 131, 131
RGB Percent	74%, 51%, 51%
CMY	0.2588, 0.4863, 0.4863
CMYK	0.00, 0.31, 0.31, 0.26
HSL	0°, 31%, 63%
HSV	0°, 31%, 74%
XYZ	33.1993, 28.6901, 25.2607
YIQ	148.3420, 34.5680, 12.2960

# Conversions

## Conversions Part 2

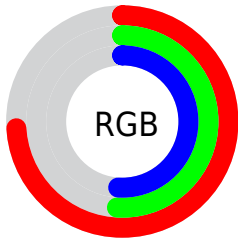
Format	Color
<a href="#">RYB</a>	<a href="#">189, 131, 131</a>
Decimal	<a href="#">12419971</a>
CIELab	<a href="#">60.51, 22.36, 9.02</a>
CIElCh	<a href="#">61, 24.105, 21.965</a>
Yxy	<a href="#">28.6901, 0.3809, 0.3292</a>
Android (android.graphics.Color)	<a href="#">4290610051 (0xFFBD8383)</a>
YUV	<a href="#">148.3420, -8.5496, 35.6571</a>
Hunter-Lab	<a href="#">53.5631, 16.9017, 9.5327</a>

# Details

The Hex color **BD8383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83BDBD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F6B8B8**, and **865152** is the 20% darker color. If you saturate the color by 10%, you get **BD7070**, and if you desaturate by 10%, it is **BD9696**.

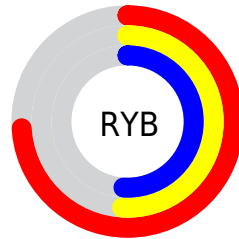
# Distribution



Red (74%)

Green (51%)

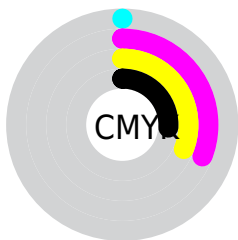
Blue (51%)



Red (74%)

Yellow (51%)

Blue (51%)

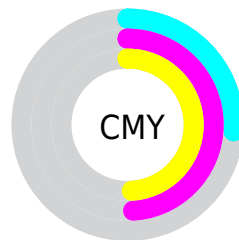


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8383 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 BD8383 by changing the saturation by 10% instead.



 BD8383

 BD8383

FFFFFF

 A16A6A

 F6B8B8

 865152

 FFD4D4

 6C393B

 FFF1F0

 522325

 390D10

 250001

 000000

 BD8383

 BD8383

 BD7070

 BD9696

 BD5D5D

 BDA9A9

 BD4A4A

 BDBCBC

 BD3737

 BDCFCF

 BD2424

 BDE2E2

 BD1212

 BDF4F4

 BD0000

 BDFFFF

# Harmonies

## Analogous

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



B88399



BD8383



B68871

# Triad

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



BD8383



799B77



6F96BC

# Complementary

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



BD8383



83BDBD

# 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.



579BB3



BD8383



619D8B

# Square

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



BD8383



91956A



529EA1



8D8EB9

# Rectangle

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



BD8383



AD8C6A



529EA1



6698BA

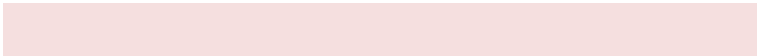


# Sweetspot

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



BD8383



F5DFDF



BD83BD



7A6D6D



FAFAFA



7A7A7A



# Same Dimension

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



BD8383



F59A9A



BDA083



5E5555



9E0000



1F0000



# Inverse Universe

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



83BDBD



9AF5F5



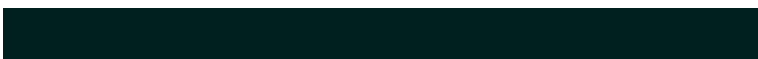
83A0BD



555E5E



009E9E

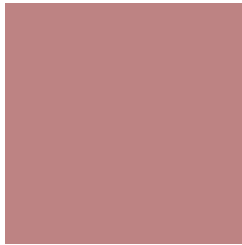


001F1F



# Previews

## White Background



This preview shows how the Hex color BD8383 looks on a white background.

## Color Contrast Check

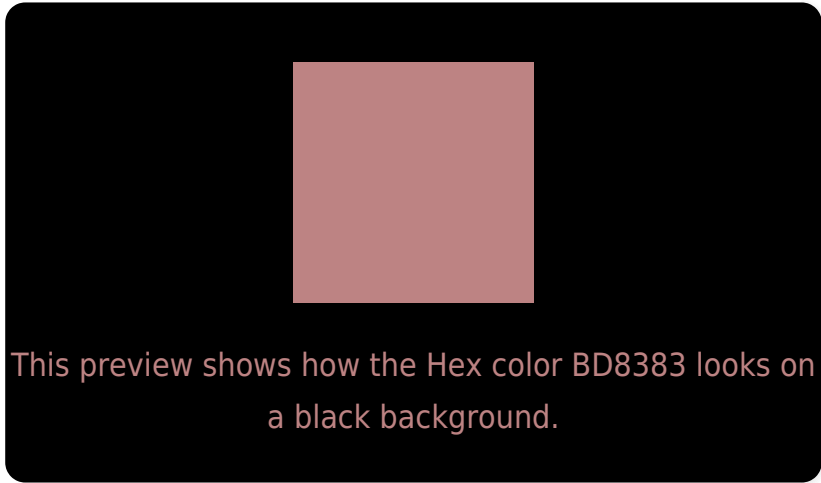
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD8383 Background



This preview shows how black text looks on a background with the Hex color BD8383.




This preview shows how white text looks on a background with the Hex color BD8383.

# 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](#).

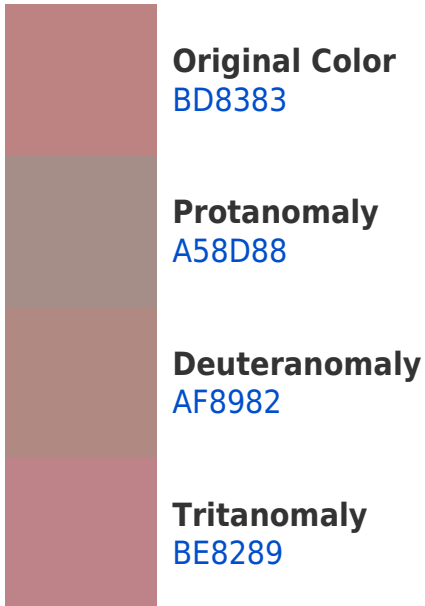
## Dichromacy





**Tritanopia**  
BE828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8383 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 #BD8383 looks like.

```
.text, #text, p{  
    color:#BD8383  
}
```

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 #BD8383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8383
}
```

## Border

The CSS property to change the border of an element to Hex BD8383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

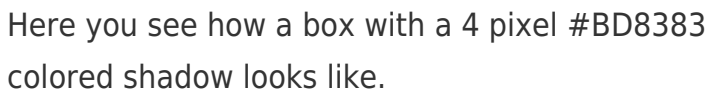
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD8383 }
```

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

```
.border{ border-color:#BD8383 }
```

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



Here you see how a box with a 4 pixel #BD8383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8383; -webkit-box-shadow:4px 4px  
4px 4px #BD8383; box-shadow:4px 4px 4px  
4px #BD8383 }
```

# Background

The CSS property to change the background color of an element to Hex BD8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8383 }
```

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

```
.background{ background-color:#BD8383 }
```

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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