

# Converting Colors

Hex(BD8174)

Have a look what the booklet for  
Hex(BD8174) contains.

<b>Hex(BD8174)</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(BD8174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD8174
RGB	189, 129, 116
RGB Percent	74%, 51%, 45%
CMY	0.2588, 0.4941, 0.5451
CMYK	0.00, 0.32, 0.39, 0.26
HSL	11°, 36%, 60%
HSV	11°, 39%, 74%
XYZ	31.9889, 27.7803, 20.1991
YIQ	145.4580, 39.9330, 8.6770

# Conversions

## Conversions Part 2

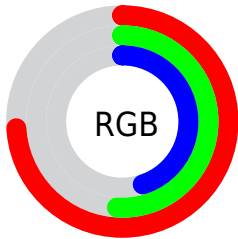
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 132, 116
Decimal	12419444
CIE <sub>Lab</sub>	59.69, 21.55, 16.43
CIE <sub>LCh</sub>	60, 27.099, 37.334
Yxy	27.7803, 0.4000, 0.3474
Android (android.graphics.Color)	4290609524 (0xFFBD8174)
YUV	145.4580, -14.5228, 38.1863
Hunter-Lab	52.7070, 16.0979, 14.1729

# Details

The Hex color **BD8174** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **74B0BD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F7B6A8**, and **864F44** is the 20% darker color. If you saturate the color by 10%, you get **BD7161**, and if you desaturate by 10%, it is **BD9187**.

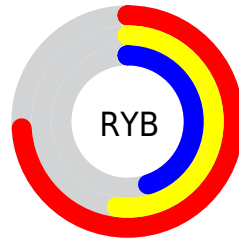
# Distribution



Red (74%)

Green (51%)

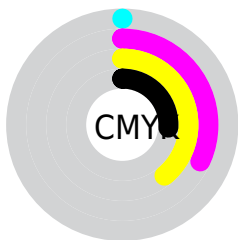
Blue (45%)



Red (74%)

Yellow (52%)

Blue (45%)

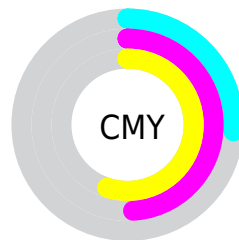


Cyan (0%)

Magenta (32%)

Yellow (39%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8174 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 BD8174 by changing the saturation by 10% instead.



 BD8174

 BD8174

FFFFFF

 A1685B

 F7B6A8

 864F44

 FFD2C3

 6B382E

 FFEEDF

 512119

FFFFFFC

 390B00

 220001

 000000

 BD8174

 BD8174

 BD7161

 BD9187

 BD624E

 BDA09A

 BD523B

 BDB0AD

 BD4328

 BDBFC0

 BD3315

 BDCFD3

 BD2403

 BDDEE5

 BD2200

 BDEEF8

 BDFDFE

 BDFEED

# Harmonies

## Analogous

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



BF7E8B



BD8174



B08864

# Triad

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



BD8174



659B7D



7990BF

# Complementary

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



BD8174



74B0BD

# 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.



5697BB



BD8174



4B9D95

# Square

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



BD8174



819769



429CAC



9B88B6

# Rectangle

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



BD8174



A28E60



429CAC



6D93BF

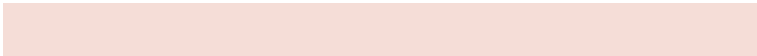


# Sweetspot

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



BD8174



F5DDD7



BD74B1



7A6C69



FAFAFA



7A7A7A



# Same Dimension

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



BD8174



F59884



BDA574



5E5755



9E1C00



1F0500



# Inverse Universe

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



74B0BD



84E1F5



748CBD



555D5E



00829E



00191F



# Previews

## White Background



This preview shows how the Hex color BD8174 looks on a white background.

## Color Contrast Check

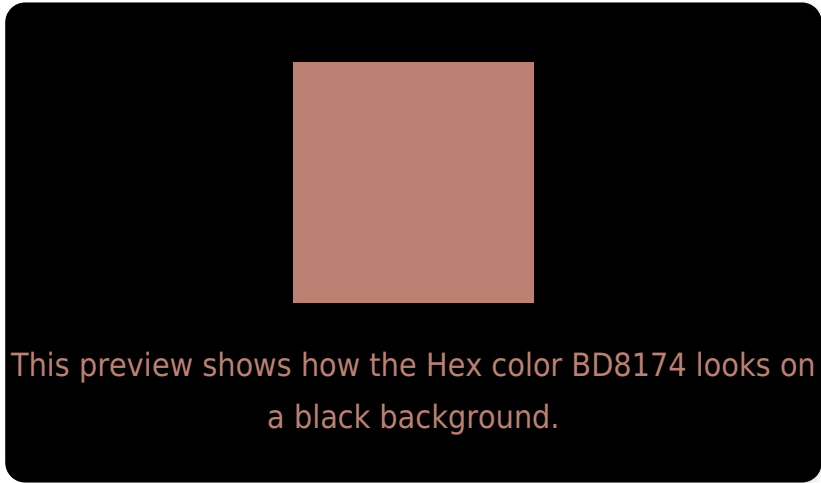
Large Text (above 18pt) WCAG AA ✓ Pass

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

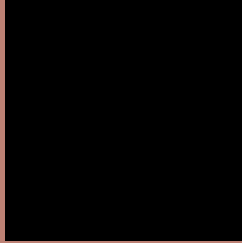
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD8174 Background



This preview shows how black text looks on a background with the Hex color BD8174.

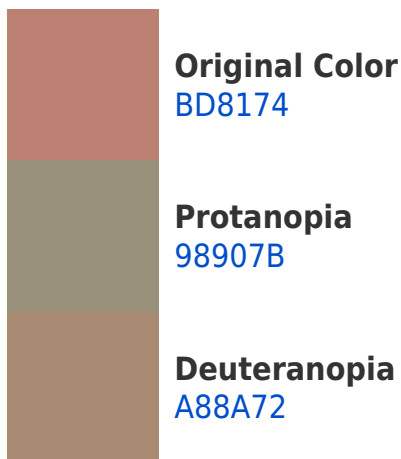


This preview shows how white text looks on a background with the Hex color BD8174.

# 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**  
BF7E88

# Trichromacy



**Original Color**  
BD8174

**Protanomaly**  
A58B78

**Deuteranomaly**  
B08773

**Tritanomaly**  
BE7F81

# Monochromacy



**Original Color**  
BD8174

**Achromatopsia**  
919191

**Achromatomaly**  
A18B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8174 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 #BD8174 looks like.

```
.text, #text, p{  
    color:#BD8174  
}
```

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 #BD8174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8174
}
```

## Border

The CSS property to change the border of an element to Hex BD8174 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
#BD8174 }
```

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

```
.border{ border-color:#BD8174 }
```

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

Here you see how a box with a 4 pixel #BD8174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8174; -webkit-box-shadow:4px 4px  
4px 4px #BD8174; box-shadow:4px 4px 4px  
4px #BD8174 }
```

# Background

The CSS property to change the background color of an element to Hex BD8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8174 }
```

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

```
.background{ background-color:#BD8174 }
```

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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