

# Converting Colors

Hex(BD8275)

Have a look what the booklet for  
Hex(BD8275) contains.

<b>Hex(BD8275)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BD8275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD8275
RGB	189, 130, 117
RGB Percent	74%, 51%, 46%
CMY	0.2588, 0.4902, 0.5412
CMYK	0.00, 0.31, 0.38, 0.26
HSL	11°, 35%, 60%
HSV	11°, 38%, 74%
XYZ	32.1798, 28.0684, 20.5513
YIQ	146.1590, 39.3370, 8.4650

# Conversions

## Conversions Part 2

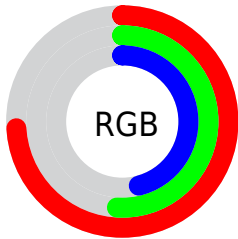
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 133, 117
Decimal	12419701
CIE <sub>Lab</sub>	59.95, 21.11, 16.22
CIE <sub>LCh</sub>	60, 26.627, 37.541
Yxy	28.0684, 0.3983, 0.3474
Android (android.graphics.Color)	4290609781 (0xFFBD8275)
YUV	146.1590, -14.3754, 37.5716
Hunter-Lab	52.9797, 15.7063, 14.0866

# Details

The Hex color **BD8275** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **75B0BD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F7B7A9**, and **865045** is the 20% darker color. If you saturate the color by 10%, you get **BD7362**, and if you desaturate by 10%, it is **BD9188**.

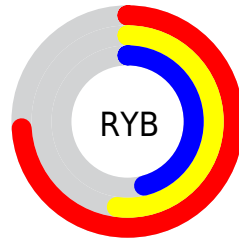
# Distribution



Red (74%)

Green (51%)

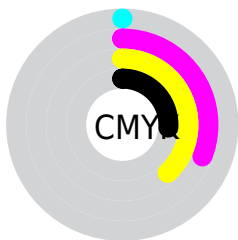
Blue (46%)



Red (74%)

Yellow (52%)

Blue (46%)

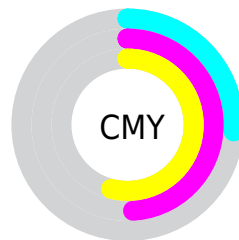


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8275 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 BD8275 by changing the saturation by 10% instead.



 BD8275

 BD8275

FFFFFF

 A1695C


 F7B7A9

 865045

 FFD3C4

 6B392E

 FFEFE0

 51221A

FFFFFFD

 390C00

 230001

 000000

 BD8275

 BD8275

 BD7362

 BD9188

 BD634F

 BDA19B

 BD543C

 BDB0AE

 BD4429

 BDC0C1

 BD3516

 BDCFD4

 BD2504

 BDDFE6

 BD2200

 BDEEF9

 BDFEFF

 BDFFFF

# Harmonies

## Analogous

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



BF7F8B



BD8275



B08966

# Triad

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



BD8275



669C7E



7B91BF

# Complementary

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



BD8275



75B0BD

# 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.



5998BB



BD8275



4E9D96

# Square

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



BD8275



81986B



459CAC



9B88B6

# Rectangle

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



BD8275



A38E62



459CAC



6F93BF

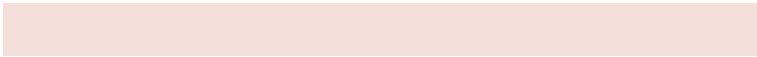


# Sweetspot

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



BD8275



F5DFDA



BD75B1



7A6D6A



FAFAFA



7A7A7A



# Same Dimension

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



BD8275



F59984



BDA575



5E5755



9E1D00



1F0600



# Inverse Universe

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



75B0BD



84E0F5



758DBD



555D5E



00829E



00191F



# Previews

## White Background



This preview shows how the Hex color BD8275 looks on a white background.

## Color Contrast Check

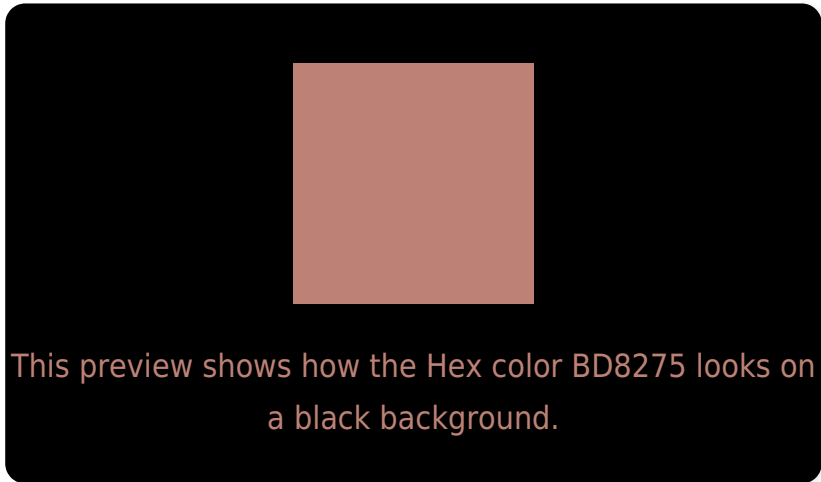
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD8275 Background



This preview shows how black text looks on a background with the Hex color BD8275.



This preview shows how white text looks on a background with the Hex color BD8275.

# 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



**Original Color**  
BD8275

**Protanopia**  
98907C

**Deuteranopia**  
A98B73



**Tritanopia**  
BF7F89

# Trichromacy



**Original Color**  
BD8275

**Protanomaly**  
A58B79

**Deuteranomaly**  
B08874

**Tritanomaly**  
BE8082

# Monochromacy



**Original Color**  
BD8275

**Achromatopsia**  
929292

**Achromatomaly**  
A28C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8275 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 #BD8275 looks like.

```
.text, #text, p{  
    color:#BD8275  
}
```

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 #BD8275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8275
}
```

## Border

The CSS property to change the border of an element to Hex BD8275 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
#BD8275 }
```

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

```
.border{ border-color:#BD8275 }
```

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

Here you see how a box with a 4 pixel #BD8275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8275; -webkit-box-shadow:4px 4px  
4px 4px #BD8275; box-shadow:4px 4px 4px  
4px #BD8275 }
```

# Background

The CSS property to change the background color of an element to Hex BD8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8275 }
```

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

```
.background{ background-color:#BD8275 }
```

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