

# Converting Colors

Hex(BD934C)

Have a look what the booklet for  
Hex(BD934C) contains.

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**Color**

**Hex(BD934C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD934C
RGB	189, 147, 76
RGB Percent	74%, 58%, 30%
CMY	0.2588, 0.4235, 0.7020
CMYK	0.00, 0.22, 0.60, 0.26
HSL	38°, 46%, 52%
HSV	38°, 60%, 74%
XYZ	32.7245, 32.2081, 11.3295
YIQ	151.4640, 47.8230, -13.1770

# Conversions

## Conversions Part 2

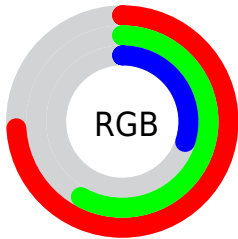
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 189, 76
Decimal	12424012
CIELab	63.51, 7.71, 43.02
CIELCh	64, 43.710, 79.845
Yxy	32.2081, 0.4291, 0.4223
Android (android.graphics.Color)	4290614092 (0xFFBD934C)
YUV	151.4640, -37.2038, 32.9191
Hunter-Lab	56.7521, 3.6106, 27.8904

# Details

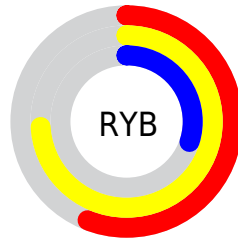
The Hex color **BD934C** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4C76BD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F8C97F**, and **84611B** is the 20% darker color. If you saturate the color by 10%, you get **BD8C39**, and if you desaturate by 10%, it is **BD9A5F**.

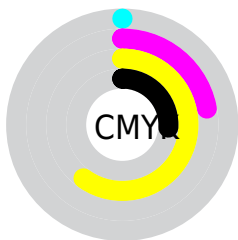
# Distribution



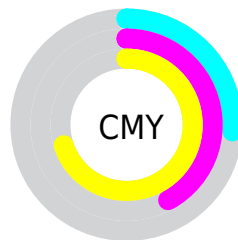
- Red (74%)
- Green (58%)
- Blue (30%)



- Red (56%)
- Yellow (74%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (26%)



- Cyan (26%)
- Magenta (42%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD934C 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 BD934C by changing the saturation by 10% instead.



 BD934C

 BD934C

FFFFFF

 A07933

 F8C97F

 84611B

 FFE59A

 694900

 FFFFB5

 4F3300

 FFFFD1

 351E00

 FFFFED

 1D0600

 000000

 BD934C

 BD934C

 BD8C39

 BD9A5F

 BD8526

 BDA172

 BD7E13

 BDA885

 BD7700

 BDAF98

 BDB6AB

 BDBDBD

 BDC4D0

 BDCBE3

 BDD2F6

# Harmonies

## Analogous

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



D88560



BD934C



98A04E

# Triad

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



BD934C



00AEB3



BD86CC

# Complementary

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



BD934C



4C76BD

# 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.



8895E3



BD934C



00AAD4

# Square

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



BD934C



28AD8B



34A2E6



DC7BA9

# Rectangle

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



BD934C



7BA65C



34A2E6



AE8BD6

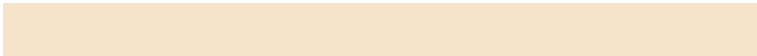


# Sweetspot

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



BD934C



F5E4C9



BD4C77



7A705F



FAFAFA



7A7A7A



# Same Dimension

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



BD934C



F5B345



B0BD4C



5E5B55



9E6300



1F1300



# Inverse Universe

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



4C76BD



4586F5



594CBD



55585E



003B9E

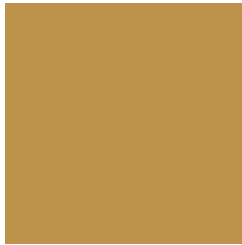


000B1F



# Previews

## White Background



This preview shows how the Hex color BD934C looks on a white background.

## Color Contrast Check

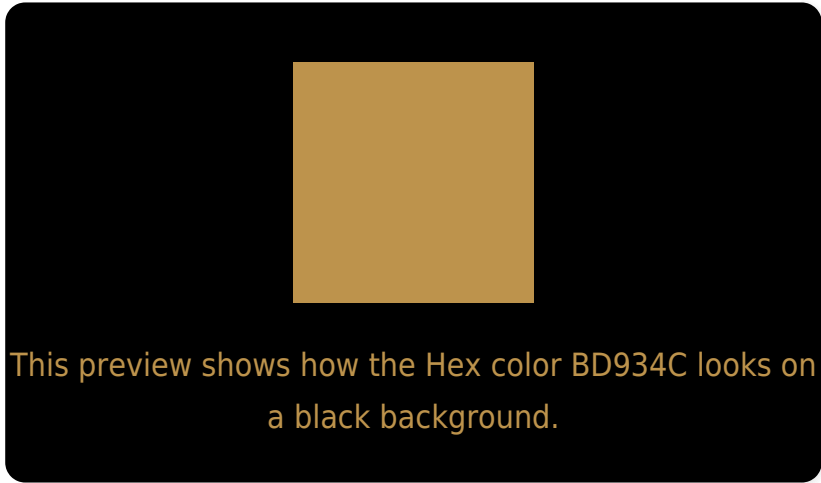
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 BD934C Background



This preview shows how black text looks on a background with the Hex color BD934C.



This preview shows how white text looks on a background with the Hex color BD934C.

# 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](#).

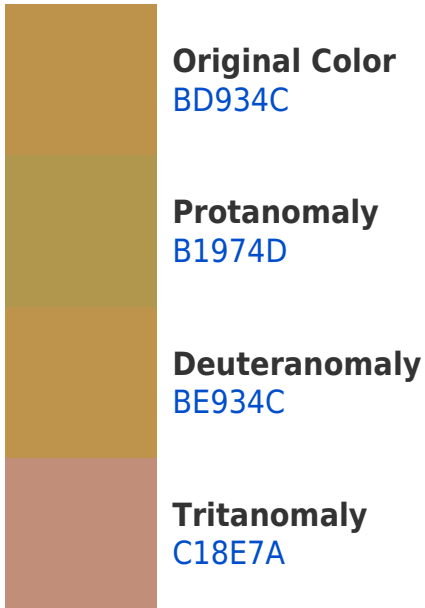
## Dichromacy





**Tritanopia**  
C38B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD934C 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 #BD934C looks like.

```
.text, #text, p{  
    color:#BD934C  
}
```

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 #BD934C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD934C
}
```

## Border

The CSS property to change the border of an element to Hex BD934C 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
#BD934C }
```

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

```
.border{ border-color:#BD934C }
```

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

Here you see how a box with a 4 pixel #BD934C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD934C; -webkit-box-shadow:4px 4px  
4px 4px #BD934C; box-shadow:4px 4px 4px  
4px #BD934C }
```

# Background

The CSS property to change the background color of an element to Hex BD934C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD934C }
```

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

```
.background{ background-color:#BD934C }
```

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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