

# Converting Colors

Hex(BD904D)

Have a look what the booklet for  
Hex(BD904D) contains.

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# **Color**

**Hex(BD904D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD904D
RGB	189, 144, 77
RGB Percent	74%, 56%, 30%
CMY	0.2588, 0.4353, 0.6980
CMYK	0.00, 0.24, 0.59, 0.26
HSL	36°, 46%, 52%
HSV	36°, 59%, 74%
XYZ	32.2991, 31.3012, 11.3606
YIQ	149.8170, 48.3270, -11.2970

# Conversions

## Conversions Part 2

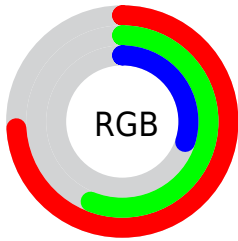
Format	Color
R <sub>YB</sub>	152, 189, 77
Decimal	12423245
CIE <sub>Lab</sub>	62.76, 9.43, 41.64
CIE <sub>LCh</sub>	63, 42.694, 77.242
Y <sub>xy</sub>	31.3012, 0.4309, 0.4176
Android (android.graphics.Color)	4290613325 (0xFFBD904D)
YUV	149.8170, -35.8988, 34.3635
Hunter-Lab	55.9474, 5.1420, 27.1239

# Details

The Hex color **BD904D** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4D7ABD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F8C680**, and **845E1C** is the 20% darker color. If you saturate the color by 10%, you get **BD883A**, and if you desaturate by 10%, it is **BD9860**.

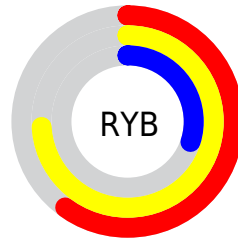
# Distribution



Red (74%)

Green (56%)

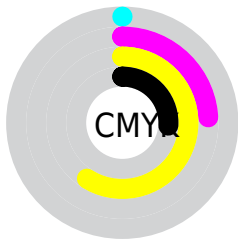
Blue (30%)



Red (60%)

Yellow (74%)

Blue (30%)

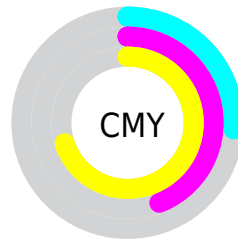


Cyan (0%)

Magenta (24%)

Yellow (59%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD904D 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 BD904D by changing the saturation by 10% instead.



 BD904D

 BD904D

FFFFFF

 A07635

 F8C680

 845E1C

 FFE29A

 694601

 FFFEB6

 4F3000

 FFFFD2

 351B00

 FFFFEE

 1D0200

 000000

 BD904D

 BD904D

 BD883A

 BD9860

 BD8127

 BD9F73

 BD7914

 BDA786

 BD7201

 BDAE99

 BD7100

 BDB6AB

 BDBEBE

 BDC5D1

 BDCDE4

 BDD4F7

# Harmonies

## Analogous

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



D68262



BD904D



9A9C4D

# Triad

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



BD904D



00ABAD



B786CC

# Complementary

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



BD904D



4D7ABD

# 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.



8194E0



BD904D



00A8CE

# Square

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



BD904D



33AA86



2DA0E1



D67BAA

# Rectangle

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



BD904D



7EA359



2DA0E1



A78AD4



# Sweetspot

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



BD904D



F5E3C9



BD4D7C



7A705F



FAFAFA



7A7A7A



# Same Dimension

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



BD904D



F5AF47



B4BD4D



5E5B55



9E5F00



1F1200



# Inverse Universe

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



4D7ABD



478DF5



564DBD



55595E



00409E



000C1F



# Previews

## White Background



This preview shows how the Hex color BD904D looks on a white background.

## Color Contrast Check

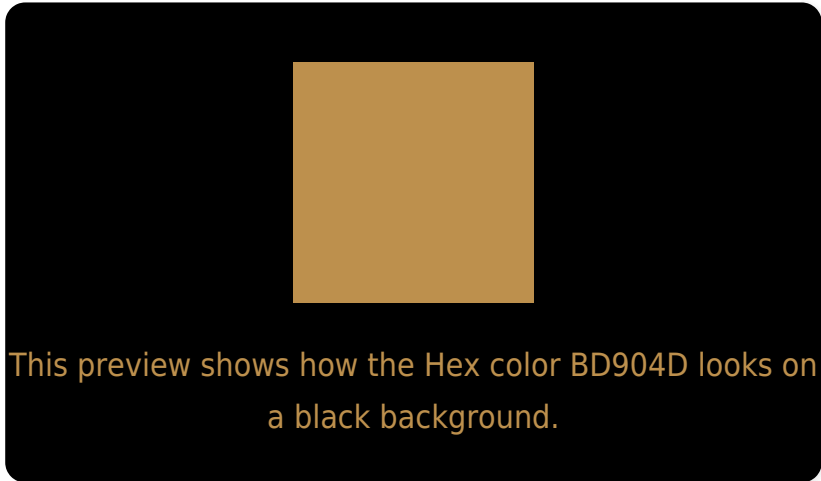
Large Text (above 18pt) WCAG AA × Fail

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 BD904D Background



This preview shows how black text looks on a background with the Hex color BD904D.



This preview shows how white text looks on a background with the Hex color BD904D.

# 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**  
BD904D

**Protanopia**  
A89850

**Deuteranopia**  
BB914D

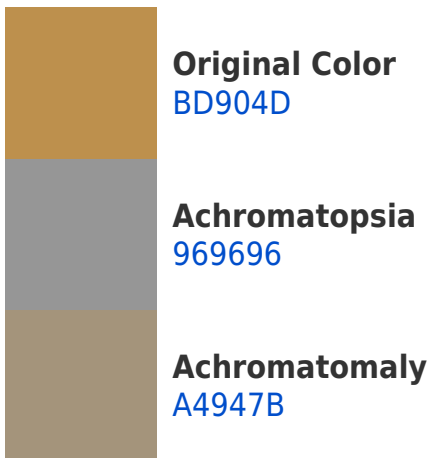


**Tritanopia**  
C38892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD904D 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 #BD904D looks like.

```
.text, #text, p{  
    color:#BD904D  
}
```

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 #BD904D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD904D
}
```

## Border

The CSS property to change the border of an element to Hex BD904D 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
#BD904D }
```

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

```
.border{ border-color:#BD904D }
```

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

Here you see how a box with a 4 pixel #BD904D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD904D; -webkit-box-shadow:4px 4px  
4px 4px #BD904D; box-shadow:4px 4px 4px  
4px #BD904D }
```

# Background

The CSS property to change the background color of an element to Hex BD904D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD904D }
```

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

```
.background{ background-color:#BD904D }
```

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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