

# Converting Colors

Hex(BD9A44)

Have a look what the booklet for  
Hex(BD9A44) contains.

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# **Color**

**Hex(BD9A44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9A44
RGB	189, 154, 68
RGB Percent	74%, 60%, 27%
CMY	0.2588, 0.3961, 0.7333
CMYK	0.00, 0.19, 0.64, 0.26
HSL	43°, 48%, 50%
HSV	43°, 64%, 74%
XYZ	33.5853, 34.3474, 10.3284
YIQ	154.6610, 48.4660, -19.3260

# Conversions

## Conversions Part 2

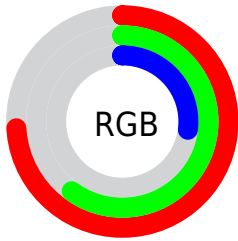
Format	Color
<a href="#">RYB</a>	<a href="#">117, 189, 68</a>
Decimal	<a href="#">12425796</a>
CIELab	<a href="#">65.24, 3.33, 48.85</a>
CIELCh	<a href="#">65, 48.965, 86.105</a>
Yxy	<a href="#">34.3474, 0.4291, 0.4389</a>
Android (android.graphics.Color)	<a href="#">4290615876</a> ( <a href="#">0xFFBD9A44</a> )
YUV	<a href="#">154.6610, -42.7239, 30.1153</a>
Hunter-Lab	<a href="#">58.6066, -0.2700, 30.5758</a>

# Details

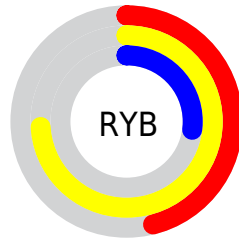
The Hex color **BD9A44** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4467BD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F8D077**, and **84670E** is the 20% darker color. If you saturate the color by 10%, you get **BD9531**, and if you desaturate by 10%, it is **BD9F57**.

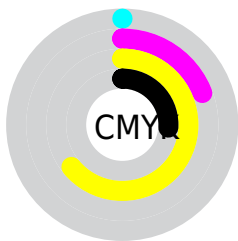
# Distribution



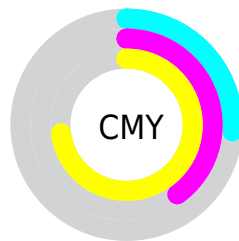
- Red (74%)
- Green (60%)
- Blue (27%)



- Red (46%)
- Yellow (74%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (64%)
- Black (26%)



- Cyan (26%)
- Magenta (40%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9A44 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 BD9A44 by changing the saturation by 10% instead.



 BD9A44

 BD9A44

FFFFFF

 A0802A

 F8D077

 84670E

 FFEC92

 694F00

 FFFFAD

 4F3900

 FFFFC9

 342400

 FFFFEE

 1C0F00

 000000

 BD9A44

 BD9A44

 BD9531

 BD9F57

 BD8F1E

 BDA56A

 BD8A0B

 BDAA7D

 BD8600

 BDB090

 BDB5A3

 BDBBB5

 BDC0C8

 BDC6DB

 BDCBEE

# Harmonies

## Analogous

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



DE8A56



BD9A44



92A74C

# Triad

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



BD9A44



00B4C4



CF84D0

# Complementary

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



BD9A44



4467BD

# 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.



9895ED



BD9A44



00AFE6

# Square

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



BD9A44



00B497



3AA5F6



EC7AA6

# Rectangle

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



BD9A44



6FAE5F



3AA5F6



C08ADC

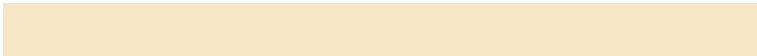


# Sweetspot

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



BD9A44



F5E7C6



BD4468



7A725E



FAFAFA



7A7A7A



# Same Dimension

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



BD9A44



F5BE38



A5BD44



5E5C55



9E7000



1F1600



# Inverse Universe

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



4467BD



386FF5



5C44BD



55585E



002E9E



00091F



# Previews

## White Background



This preview shows how the Hex color BD9A44 looks on a white background.

## Color Contrast Check

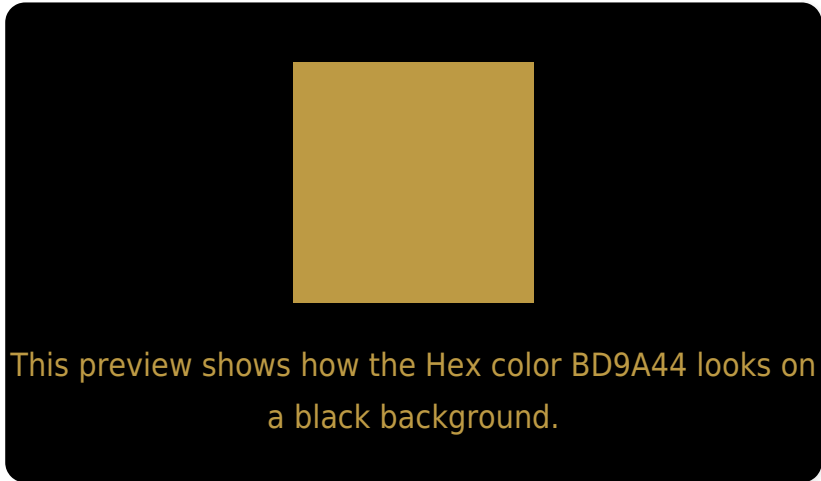
Large Text (above 18pt) WCAG AA × Fail

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

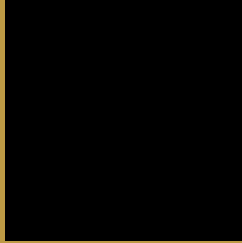
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD9A44 Background



This preview shows how black text looks on a background with the Hex color BD9A44.



This preview shows how white text looks on a background with the Hex color BD9A44.

# 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**  
BD9A44

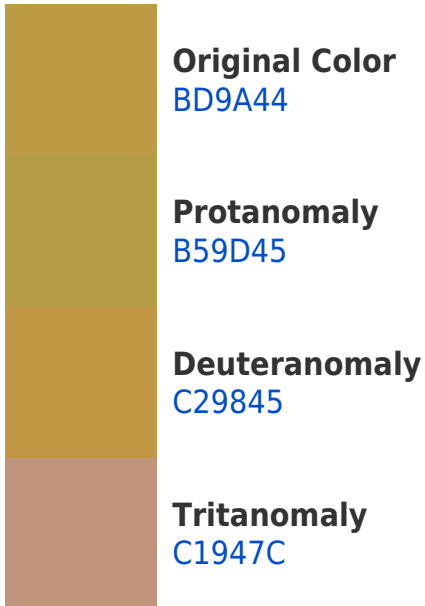
**Protanopia**  
B09F45

**Deuteranopia**  
C59745

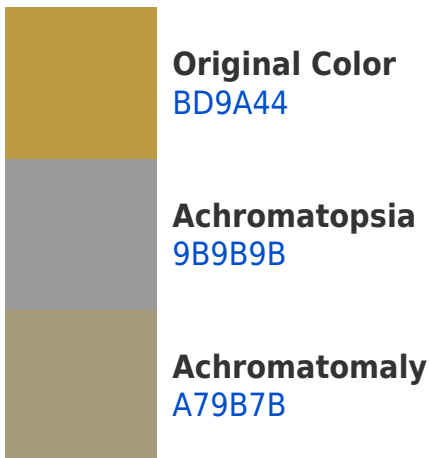


**Tritanopia**  
C4919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9A44 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 #BD9A44 looks like.

```
.text, #text, p{  
    color:#BD9A44  
}
```

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 #BD9A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9A44
}
```

## Border

The CSS property to change the border of an element to Hex BD9A44 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
#BD9A44 }
```

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

```
.border{ border-color:#BD9A44 }
```

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

Here you see how a box with a 4 pixel #BD9A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9A44; -webkit-box-shadow:4px 4px  
4px 4px #BD9A44; box-shadow:4px 4px 4px  
4px #BD9A44 }
```

# Background

The CSS property to change the background color of an element to Hex BD9A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9A44 }
```

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

```
.background{ background-color:#BD9A44 }
```

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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