

# Converting Colors

Hex(BD9F34)

Have a look what the booklet for  
Hex(BD9F34) contains.

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**Color**

**Hex(BD9F34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9F34
RGB	189, 159, 52
RGB Percent	74%, 62%, 20%
CMY	0.2588, 0.3765, 0.7961
CMYK	0.00, 0.16, 0.72, 0.26
HSL	47°, 57%, 47%
HSV	47°, 72%, 74%
XYZ	34.0042, 35.8630, 8.3789
YIQ	155.7720, 52.2270, -26.9170

# Conversions

## Conversions Part 2

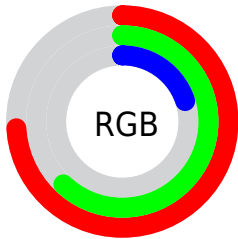
Format	Color
<b>RYB</b>	90, 189, 52
Decimal	12427060
CIELab	66.42, -0.29, 57.03
CIELCh	66, 57.027, 90.288
Yxy	35.8630, 0.4346, 0.4583
Android (android.graphics.Color)	4290617140 (0xFFBD9F34)
YUV	155.7720, -51.1596, 29.1410
Hunter-Lab	59.8857, -3.4444, 33.6245

# Details

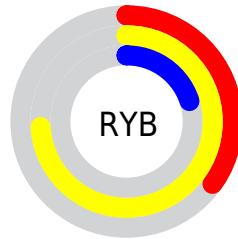
The Hex color **BD9F34** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3452BD**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F8D569**, and **846C00** is the 20% darker color. If you saturate the color by 10%, you get **BD9B21**, and if you desaturate by 10%, it is **BDA347**.

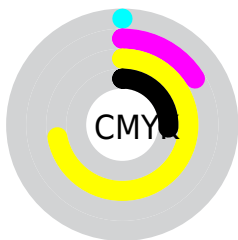
# Distribution



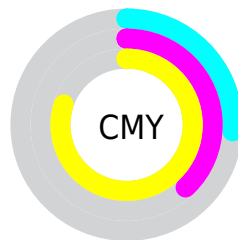
- Red (74%)
- Green (62%)
- Blue (20%)



- Red (35%)
- Yellow (74%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (72%)
- Black (26%)



- Cyan (26%)
- Magenta (38%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9F34 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 BD9F34 by changing the saturation by 10% instead.





BD9F34



BD9F34

FFFFFF



A08516



F8D569



846C00



FFF284



685400



FFFF9F



4D3D00



FFFFBB



332800



FFFD8



1B1400



FFFFF5



000000



BD9F34



BD9F34



BD9B21



BDA347

 BD970E

 BDA75A

 BD9400

 BDAB6D

 BDB080

 BDB493

 BDB8A5

 BDBCB8

 BDC0CB

 BDC4DE

# Harmonies

## Analogous

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



E58C48



BD9F34



89AE43

# Triad

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



BD9F34



00BAD4



E07FD5

# Complementary

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



BD9F34



3452BD

# 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.



A394FA



BD9F34



00B4FA

# Square

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



BD9F34



00BAA0



27A7FF



FD73A3

# Rectangle

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



BD9F34



5EB45D



27A7FF



D086E4



# Sweetspot

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



BD9F34



F5E9BF



BD3454



7A735B



FAFAFA



7A7A7A



# Same Dimension

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



BD9F34



F5C620



98BD34



5E5C55



9E7B00



1F1800



# Inverse Universe

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



3452BD



204EF5



5934BD



55575E



00239E

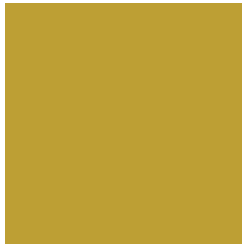


00071F



# Previews

## White Background



This preview shows how the Hex color BD9F34 looks on a white background.

## Color Contrast Check

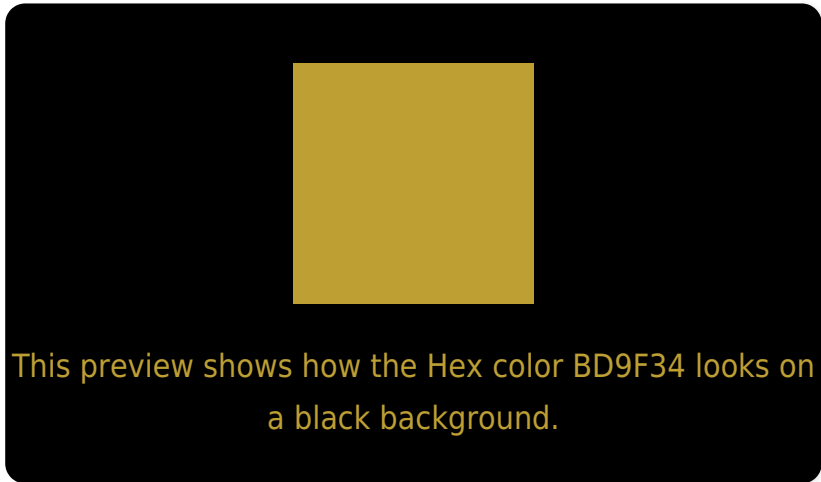
Large Text (above 18pt) WCAG AA × Fail

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 BD9F34 Background



This preview shows how black text looks on a background with the Hex color BD9F34.



This preview shows how white text looks on a background with the Hex color BD9F34.

# 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**  
BD9F34

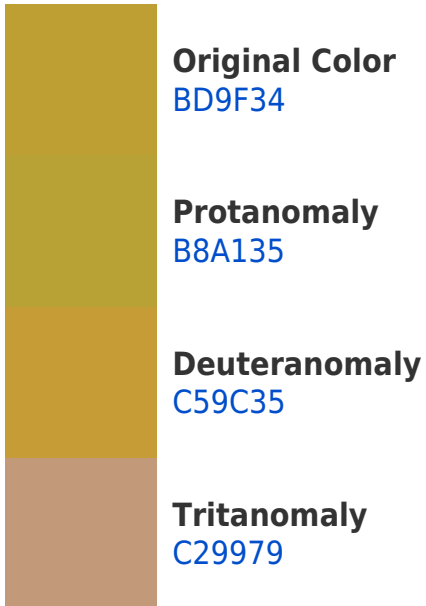
**Protanopia**  
B5A235

**Deuteranopia**  
CA9A36



**Tritanopia**  
C595A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9F34 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 #BD9F34 looks like.

```
.text, #text, p{  
    color:#BD9F34  
}
```

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 #BD9F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9F34
}
```

## Border

The CSS property to change the border of an element to Hex BD9F34 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
#BD9F34 }
```

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

```
.border{ border-color:#BD9F34 }
```

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

Here you see how a box with a 4 pixel #BD9F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9F34; -webkit-box-shadow:4px 4px  
4px 4px #BD9F34; box-shadow:4px 4px 4px  
4px #BD9F34 }
```

# Background

The CSS property to change the background color of an element to Hex BD9F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9F34 }
```

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

```
.background{ background-color:#BD9F34 }
```

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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