

# Converting Colors

Hex(BC9343)

Have a look what the booklet for  
Hex(BC9343) contains.

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**Color**

**Hex(BC9343)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9343
RGB	188, 147, 67
RGB Percent	74%, 58%, 26%
CMY	0.2627, 0.4235, 0.7373
CMYK	0.00, 0.22, 0.64, 0.26
HSL	40°, 47%, 50%
HSV	40°, 64%, 74%
XYZ	32.1859, 31.9641, 9.7835
YIQ	150.1390, 50.1160, -16.1880

# Conversions

## Conversions Part 2

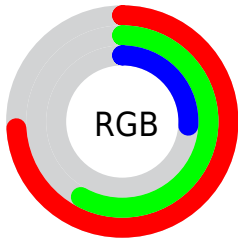
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 188, 67
Decimal	12358467
CIELab	63.31, 6.64, 47.17
CIELCh	63, 47.633, 81.986
Yxy	31.9641, 0.4353, 0.4323
Android (android.graphics.Color)	4290548547 (0xFFBC9343)
YUV	150.1390, -40.9875, 33.2041
Hunter-Lab	56.5368, 2.6791, 29.3158

# Details

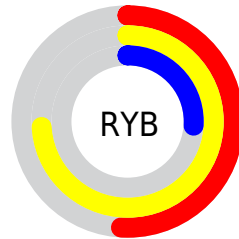
The Hex color **BC9343** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **436CBC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F7C976**, and **83610E** is the 20% darker color. If you saturate the color by 10%, you get **BC8D30**, and if you desaturate by 10%, it is **BC9956**.

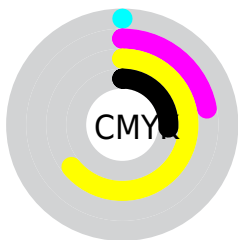
# Distribution



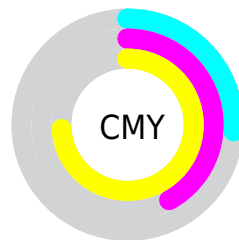
- Red (74%)
- Green (58%)
- Blue (26%)



- Red (51%)
- Yellow (74%)
- Blue (26%)



- Cyan (0%)
- Magenta (22%)
- Yellow (64%)
- Black (26%)



- Cyan (26%)
- Magenta (42%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC9343 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 BC9343 by changing the saturation by 10% instead.



 BC9343

 BC9343

FFFFFF

 9F792A

 F7C976

 83610E

 FFE591

 684900

 FFFFAC

 4D3300

 FFFFC8

 331E00

 FFFFE4

 1B0600

 000000

 BC9343

 BC9343

 BC8D30

 BC9956

 BC861D

 BCA069

 BC800B

 BCA67B

 BC7C00

 BCAC8E

 BCB3A1

 BCB9B4

 BCC0C7

 BCC6D9

 BCCCEC

# Harmonies

## Analogous

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



DA8358



BC9343



93A047

# Triad

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



BC9343



00AFB8



C382CE

# Complementary

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



BC9343



436CBC

# 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.



8A93E8



BC9343



00AADB

# Square

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



BC9343



00AE8C



20A1ED



E276A6

# Rectangle

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



BC9343



73A758



20A1ED



B387D9

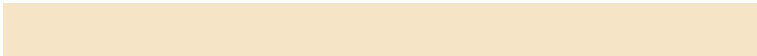


# Sweetspot

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



BC9343



F5E5C6



BC436D



7A715E



FAFAFA



7A7A7A



# Same Dimension

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



BC9343



F5B538



AABC43



5E5B55



9E6900



1F1400



# Inverse Universe

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



436CBC



3878F5



5543BC



55585E



00369E



000A1F



# Previews

## White Background



This preview shows how the Hex color BC9343 looks on a white background.

## Color Contrast Check

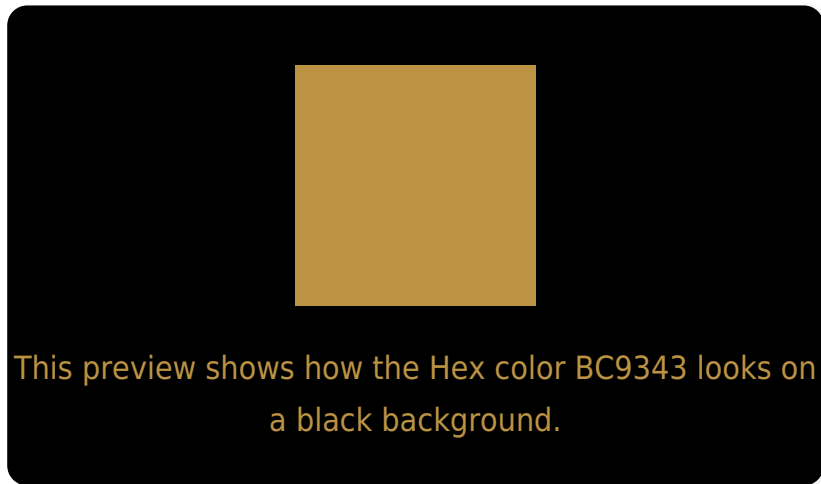
Large Text (above 18pt) WCAG AA × Fail

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 BC9343 Background



This preview shows how black text looks on a background with the Hex color BC9343.



This preview shows how white text looks on a background with the Hex color BC9343.

# 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**  
BC9343

**Protanopia**  
AA9A45

**Deuteranopia**  
BE9243

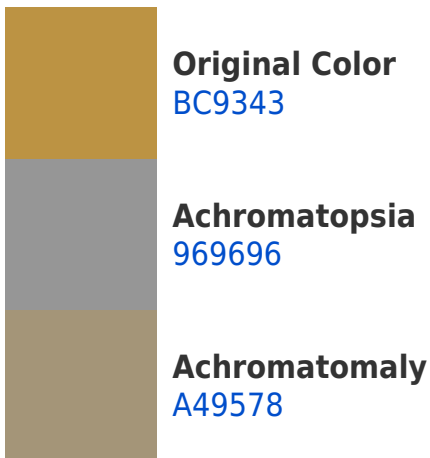


**Tritanopia**  
C28A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC9343 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 #BC9343 looks like.

```
.text, #text, p{  
    color:#BC9343  
}
```

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 #BC9343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9343
}
```

## Border

The CSS property to change the border of an element to Hex BC9343 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
#BC9343 }
```

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

```
.border{ border-color:#BC9343 }
```

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

Here you see how a box with a 4 pixel #BC9343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9343; -webkit-box-shadow:4px 4px  
4px 4px #BC9343; box-shadow:4px 4px 4px  
4px #BC9343 }
```

# Background

The CSS property to change the background color of an element to Hex BC9343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9343 }
```

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

```
.background{ background-color:#BC9343 }
```

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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