

# Converting Colors

Hex(BC9453)

Have a look what the booklet for  
Hex(BC9453) contains.

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# **Color**

**Hex(BC9453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9453
RGB	188, 148, 83
RGB Percent	74%, 58%, 33%
CMY	0.2627, 0.4196, 0.6745
CMYK	0.00, 0.21, 0.56, 0.26
HSL	37°, 44%, 53%
HSV	37°, 56%, 74%
XYZ	32.8903, 32.4957, 12.7224
YIQ	152.5500, 44.7050, -11.7350

# Conversions

## Conversions Part 2

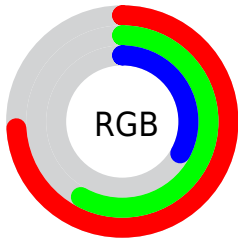
Format	Color
<a href="#">RYB</a>	<a href="#">148, 188, 83</a>
Decimal	<a href="#">12358739</a>
CIELab	<a href="#">63.75, 7.28, 39.72</a>
CIELCh	<a href="#">64, 40.386, 79.616</a>
Yxy	<a href="#">32.4957, 0.4211, 0.4160</a>
Android (android.graphics.Color)	<a href="#">4290548819</a> ( <a href="#">0xFFBC9453</a> )
YUV	<a href="#">152.5500, -34.2881, 31.0897</a>
Hunter-Lab	<a href="#">57.0050, 3.2307, 26.6711</a>

# Details

The Hex color **BC9453** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **537BBC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F6CA86**, and **846223** is the 20% darker color. If you saturate the color by 10%, you get **BC8D40**, and if you desaturate by 10%, it is **BC9B66**.

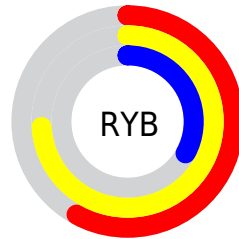
# Distribution



Red (74%)

Green (58%)

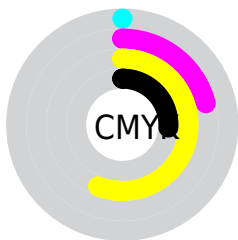
Blue (33%)



Red (58%)

Yellow (74%)

Blue (33%)

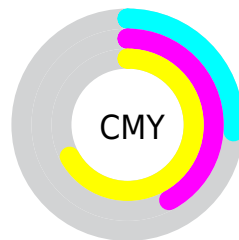


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC9453 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 BC9453 by changing the saturation by 10% instead.



 BC9453

 BC9453

FFFFFF

 A07A3B

 F6CA86

 846223

 FFE6A1

 694A08

 FFFFBC

 4F3300

 FFFFD8

 351E00

 FFFFF5

 1D0700

 000000

 BC9453

 BC9453

 BC8D40

 BC9B66

 BC862D

 BCA279

 BC7F1B

 BCA98B

 BC7708

 BCB19E

 BC7400

 BCB8B1

 BCBFC4

 BCC6D7

 BCCDE9

 BCD4FC

# Harmonies

## Analogous

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



D58765



BC9453



99A055

# Triad

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



BC9453



00ADB1



BB88C9

# Complementary

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



BC9453



537BBC

# 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.



8B96DE



BC9453



00AAD0

# Square

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



BC9453



3BAC8C



46A2E1



D87FA9

# Rectangle

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



BC9453



7FA661



46A2E1



AD8DD2

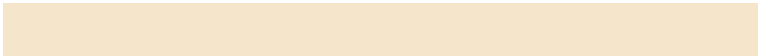


# Sweetspot

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



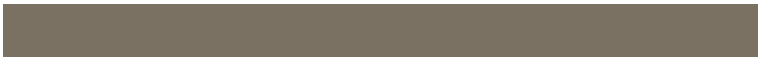
BC9453



F5E5CB



BC537B



7A7162



FAFAFA



7A7A7A



# Same Dimension

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



BC9453



F5B651



B0BC53



5E5B55



9E6200



1F1300



# Inverse Universe

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



537BBC



518FF5



5F53BC



55595E



003C9E

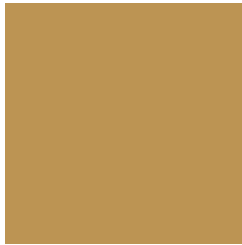


000C1F



# Previews

## White Background



This preview shows how the Hex color BC9453 looks on a white background.

## Color Contrast Check

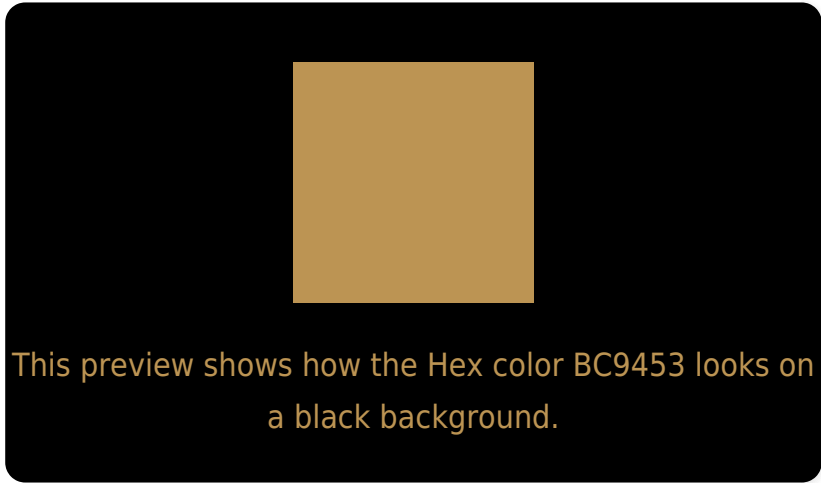
Large Text (above 18pt) WCAG AA × Fail

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

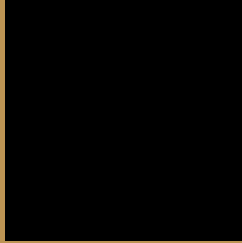
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC9453 Background



This preview shows how black text looks on a background with the Hex color BC9453.



This preview shows how white text looks on a background with the Hex color BC9453.

# 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**  
BC9453

**Protanopia**  
AA9B55

**Deuteranopia**  
BD9353

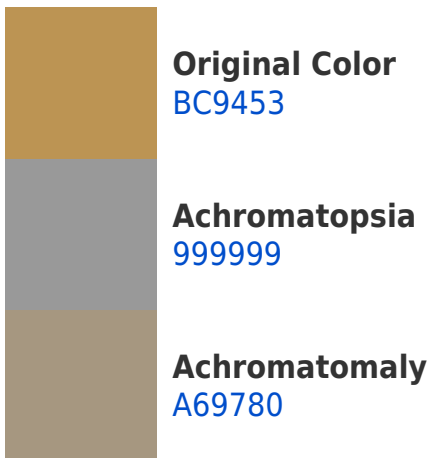


**Tritanopia**  
C28C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC9453 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 #BC9453 looks like.

```
.text, #text, p{  
    color:#BC9453  
}
```

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 #BC9453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9453
}
```

## Border

The CSS property to change the border of an element to Hex BC9453 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
#BC9453 }
```

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

```
.border{ border-color:#BC9453 }
```

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

Here you see how a box with a 4 pixel #BC9453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9453; -webkit-box-shadow:4px 4px  
4px 4px #BC9453; box-shadow:4px 4px 4px  
4px #BC9453 }
```

# Background

The CSS property to change the background color of an element to Hex BC9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9453 }
```

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

```
.background{ background-color:#BC9453 }
```

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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