

# Converting Colors

Hex(BF9546)

Have a look what the booklet for  
Hex(BF9546) contains.

<b>Hex(BF9546)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BF9546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF9546
RGB	191, 149, 70
RGB Percent	75%, 58%, 27%
CMY	0.2510, 0.4157, 0.7255
CMYK	0.00, 0.22, 0.63, 0.25
HSL	39°, 49%, 51%
HSV	39°, 63%, 75%
XYZ	33.3388, 33.0135, 10.4094
YIQ	152.5520, 50.3910, -15.6650

# Conversions

## Conversions Part 2

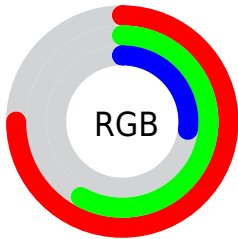
Format	Color
<a href="#">RYB</a>	<a href="#">134, 191, 70</a>
Decimal	<a href="#">12555590</a>
<a href="#">CIELab</a>	<a href="#">64.17, 7.05, 46.78</a>
<a href="#">CIElCh</a>	<a href="#">64, 47.305, 81.427</a>
<a href="#">Yxy</a>	<a href="#">33.0135, 0.4343, 0.4301</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290745670 (0xFFBF9546)</a>
<a href="#">YUV</a>	<a href="#">152.5520, -40.6981, 33.7189</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.4573, 3.0217, 29.4787</a>

# Details

The Hex color **BF9546** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4670BF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FACB79**, and **866312** is the 20% darker color. If you saturate the color by 10%, you get **BF8E33**, and if you desaturate by 10%, it is **BF9C59**.

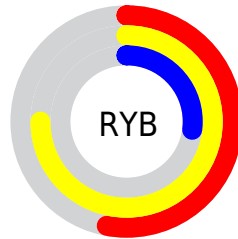
# Distribution



Red (75%)

Green (58%)

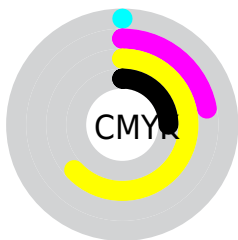
Blue (27%)



Red (53%)

Yellow (75%)

Blue (27%)

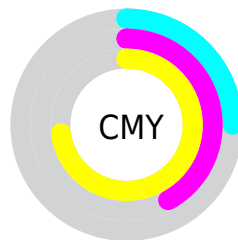


Cyan (0%)

Magenta (22%)

Yellow (63%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF9546 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 BF9546 by changing the saturation by 10% instead.





BF9546



BF9546

FFFFFF



A27B2D



FACB79



866312



FFE794



6B4B00



FFFFAF



503400



FFFFCB



361F00



FFFFE7



1E0900



000000



BF9546



BF9546



BF8E33



BF9C59

 BF8820

 BFA26C

 BF810D

 BFA97F

 BF7D00

 BFB092

 BFB6A6

 BFBDB9

 BFC3CC

 BFCADF

 BFD1F2

# Harmonies

## Analogous

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



DD855B



BF9546



97A24A

# Triad

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



BF9546



00B1B9



C485D1

# Complementary

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



BF9546



4670BF

# 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.



8B95EA



BF9546



00AADD

# Square

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



BF9546



00B08E



25A4EF



E479A9

# Rectangle

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



BF9546



77A95A



25A4EF



B48ADB

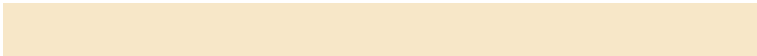


# Sweetspot

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



BF9546



F7E7C8



BF4670



7D7360



FCFCFC



7D7D7D



# Same Dimension

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



BF9546



F7B63B



ADBF46



5E5B55



9E6700



1F1400



# Inverse Universe

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



4670BF



3B7DF7



5846BF



55585E



00379E

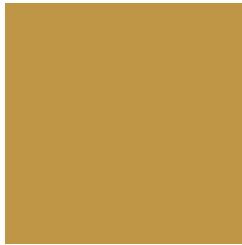


000B1F



# Previews

## White Background



This preview shows how the Hex color BF9546 looks on a white background.

## Color Contrast Check

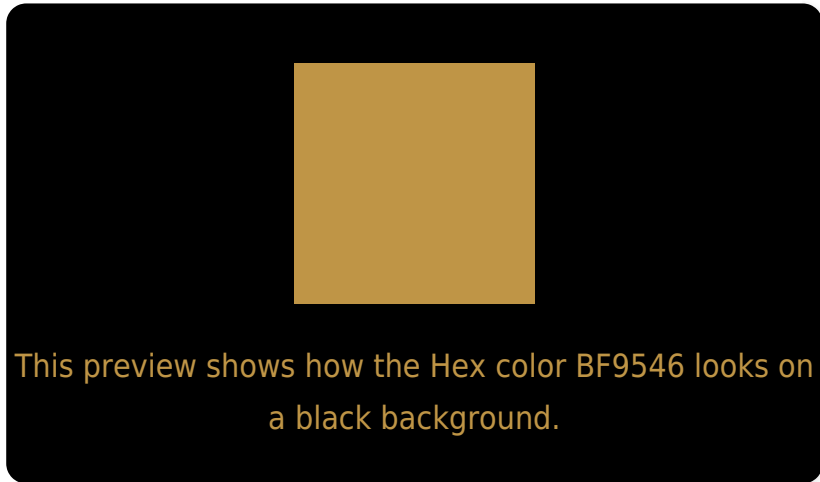
Large Text (above 18pt) WCAG AA × Fail

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 BF9546 Background



This preview shows how black text looks on a background with the Hex color BF9546.



This preview shows how white text looks on a background with the Hex color BF9546.

# 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**  
BF9546

**Protanopia**  
AD9C48

**Deuteranopia**  
C19446

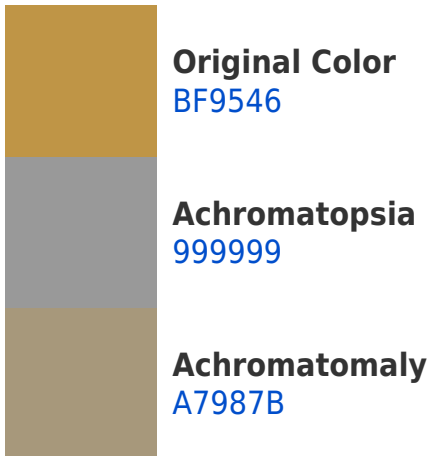


**Tritanopia**  
C58C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF9546 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 #BF9546 looks like.

```
.text, #text, p{  
    color:#BF9546  
}
```

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 #BF9546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9546
}
```

## Border

The CSS property to change the border of an element to Hex BF9546 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
#BF9546 }
```

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

```
.border{ border-color:#BF9546 }
```

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

Here you see how a box with a 4 pixel #BF9546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9546; -webkit-box-shadow:4px 4px  
4px 4px #BF9546; box-shadow:4px 4px 4px  
4px #BF9546 }
```

# Background

The CSS property to change the background color of an element to Hex BF9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9546 }
```

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

```
.background{ background-color:#BF9546 }
```

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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