

# Converting Colors

Hex(BF903A)

Have a look what the booklet for  
Hex(BF903A) contains.

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**Color**

**Hex(BF903A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF903A
RGB	191, 144, 58
RGB Percent	75%, 56%, 23%
CMY	0.2510, 0.4353, 0.7725
CMYK	0.00, 0.25, 0.70, 0.25
HSL	39°, 53%, 49%
HSV	39°, 70%, 75%
XYZ	32.2228, 31.3284, 8.3516
YIQ	148.2490, 55.6180, -16.7820

# Conversions

## Conversions Part 2

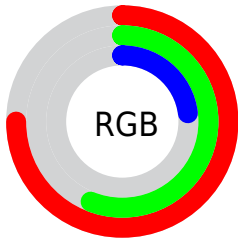
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 191, 58</a>
Decimal	<a href="#">12554298</a>
CIELab	<a href="#">62.78, 9.06, 50.86</a>
CIELCh	<a href="#">63, 51.657, 79.904</a>
Yxy	<a href="#">31.3284, 0.4481, 0.4357</a>
Android (android.graphics.Color)	<a href="#">4290744378</a> <a href="#">(0xFFBF903A)</a>
YUV	<a href="#">148.2490, -44.4928, 37.4926</a>
Hunter-Lab	<a href="#">55.9718, 4.8116, 30.3335</a>

# Details

The Hex color **BF903A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3A69BF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FBC66D**, and **865E00** is the 20% darker color. If you saturate the color by 10%, you get **BF8927**, and if you desaturate by 10%, it is **BF974D**.

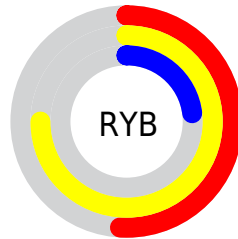
# Distribution



Red (75%)

Green (56%)

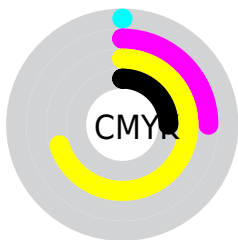
Blue (23%)



Red (51%)

Yellow (75%)

Blue (23%)

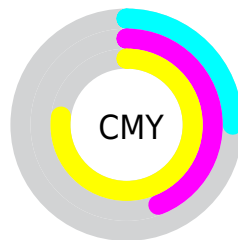


Cyan (0%)

Magenta (25%)

Yellow (70%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF903A 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 BF903A by changing the saturation by 10% instead.



 BF903A

 BF903A

FFFFFF

 A27620

 FBC66D

 865E00

 FFE288

 6A4600

 FFFEA3

 4F3000

 FFFFBF

 341B00

 FFFFDB

 1C0300

 FFFFF8

 000000

 BF903A

 BF903A

 BF8927

 BF974D

 BF8314

 BF9D60

 BF7C01

 BFA473

 BF7C00

 BFAB86

 BFB29A

 BFB8AD

 BFBFC0

 BFC6D3

 BFCDE6

# Harmonies

## Analogous

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



DF7F53



BF903A



949F3C

# Triad

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



BF903A



00AFB6



C17FD3

# Complementary

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



BF903A



3A69BF

# 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.



8092EE



BF903A



00ABDD

# Square

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



BF903A



00AE86



00A1F2



E471A9

# Rectangle

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



BF903A



72A64E



00A1F2



AF86DF

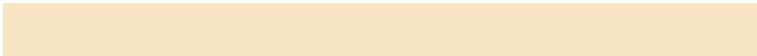


# Sweetspot

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



BF903A



F7E5C3



BF3A6B



7D725E



FCFCFC



7D7D7D



# Same Dimension

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



BF903A



F7AE28



ADBF3A



5E5B55



9E6600



1F1400



# Inverse Universe

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



3A69BF



2871F7



4C3ABF



55585E



00389E



000B1F



# Previews

## White Background



This preview shows how the Hex color BF903A looks on a white background.

## Color Contrast Check

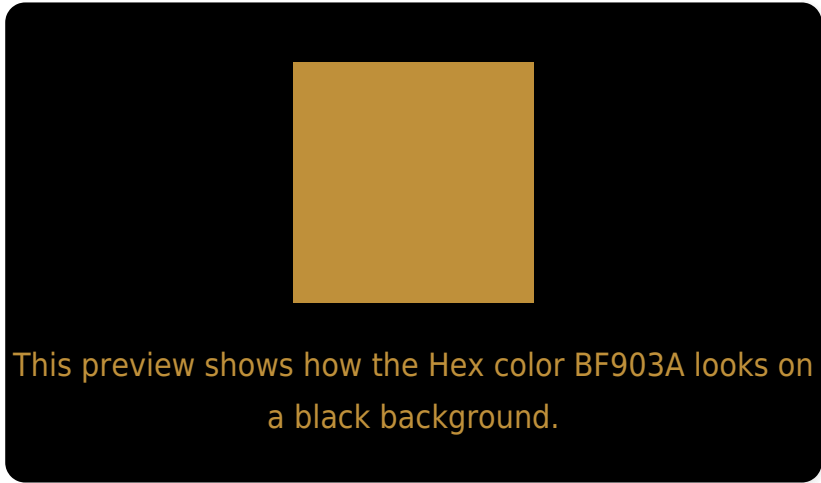
Large Text (above 18pt) WCAG AA × Fail

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 BF903A Background



This preview shows how black text looks on a background with the Hex color BF903A.

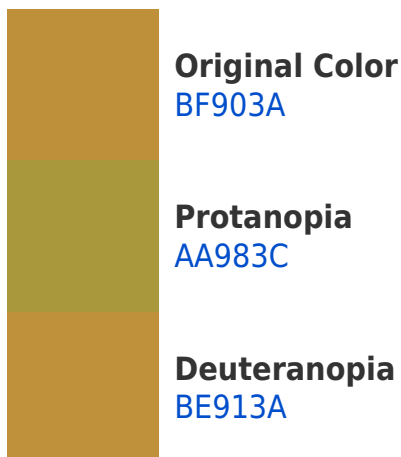


This preview shows how white text looks on a background with the Hex color BF903A.

# 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](#).

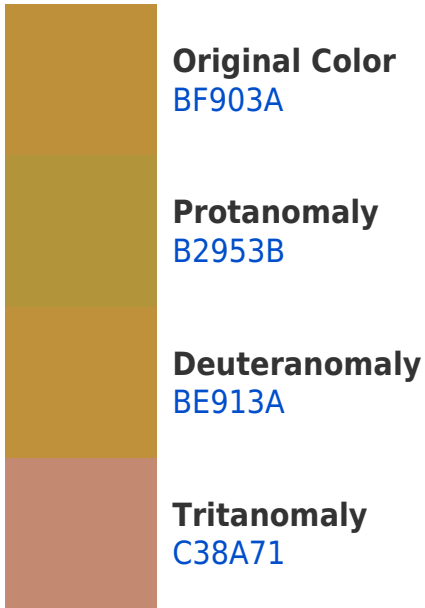
## Dichromacy



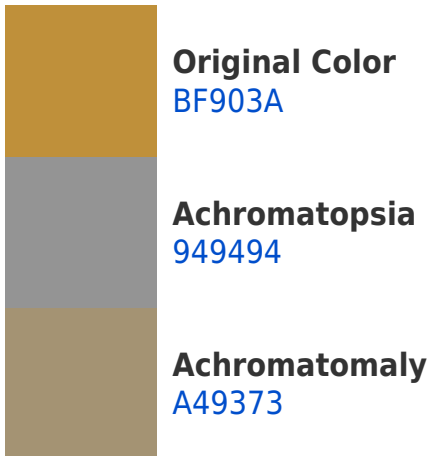


**Tritanopia**  
C58791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF903A 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 #BF903A looks like.

```
.text, #text, p{  
    color:#BF903A  
}
```

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 #BF903A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF903A
}
```

## Border

The CSS property to change the border of an element to Hex BF903A 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
#BF903A }
```

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

```
.border{ border-color:#BF903A }
```

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

Here you see how a box with a 4 pixel #BF903A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF903A; -webkit-box-shadow:4px 4px  
4px 4px #BF903A; box-shadow:4px 4px 4px  
4px #BF903A }
```

# Background

The CSS property to change the background color of an element to Hex BF903A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF903A }
```

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

```
.background{ background-color:#BF903A }
```

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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