

# Converting Colors

Hex(B4923B)

Have a look what the booklet for  
Hex(B4923B) contains.

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**Color**

**Hex(B4923B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4923B
RGB	180, 146, 59
RGB Percent	71%, 57%, 23%
CMY	0.2941, 0.4275, 0.7686
CMYK	0.00, 0.19, 0.67, 0.29
HSL	43°, 51%, 47%
HSV	43°, 67%, 71%
XYZ	29.8907, 30.5768, 8.4642
YIQ	146.2480, 48.1910, -19.8490

# Conversions

## Conversions Part 2

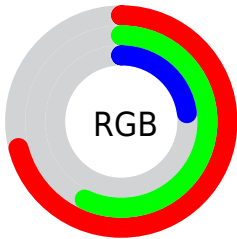
Format	Color
<a href="#">RYB</a>	<a href="#">106, 180, 59</a>
Decimal	<a href="#">11833915</a>
CIELab	<a href="#">62.15, 3.17, 49.38</a>
CIElCh	<a href="#">62, 49.484, 86.327</a>
Yxy	<a href="#">30.5768, 0.4336, 0.4436</a>
Android (android.graphics.Color)	<a href="#">4290023995</a> ( <a href="#">0xFFB4923B</a> )
YUV	<a href="#">146.2480, -43.0133, 29.6005</a>
Hunter-Lab	<a href="#">55.2963, -0.2795, 29.6319</a>

# Details

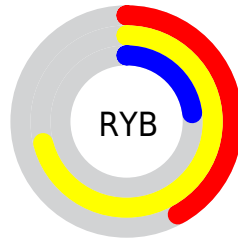
The Hex color **B4923B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B5DB4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EFC86E**, and **7C6001** is the 20% darker color. If you saturate the color by 10%, you get **B48D29**, and if you desaturate by 10%, it is **B4974D**.

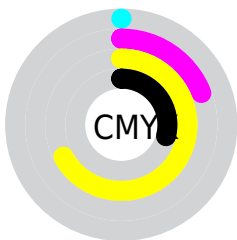
# Distribution



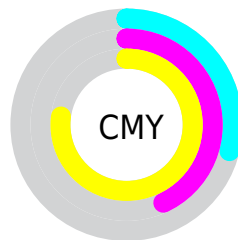
- Red (71%)
- Green (57%)
- Blue (23%)



- Red (42%)
- Yellow (71%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4923B 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 B4923B by changing the saturation by 10% instead.



 B4923B

 B4923B

FFFFFF

 987821

 EFC86E

 7C6001

 FFE489

 614800

 FFFFA4

 463200

 FFFFBF

 2C1D00

 FFFFDC

 120500

 FFFFF9

 000000

 B4923B

 B4923B

 B48D29

 B4974D

 B48817

 B49C5F

 B48305

 B4A171

 B48100

 B4A683

 B4AB95

 B4B0A7

 B4B5B9

 B4BACB

 B4C0DD

# Harmonies

## Analogous

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



D5824E



B4923B



899F44

# Triad

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



B4923B



00ACBC



C77BC7

# Complementary

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



B4923B



3B5DB4

# 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.



908DE5



B4923B



00A7DE

# Square

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



B4923B



00AC8F



299DEE



E3719D

# Rectangle

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



B4923B



66A557



299DEE



B881D3

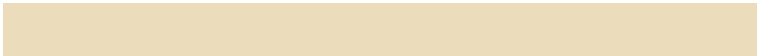


# Sweetspot

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



B4923B



EBDDBC



B43B5D



756D59



F5F5F5



757575



# Same Dimension

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



B4923B



EBB52D



9AB43B



595750



996E00



1A1200



# Inverse Universe

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



3B5DB4



2D62EB



553BB4



505359



002B99

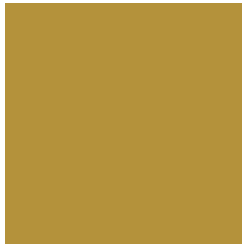


00071A



# Previews

## White Background



This preview shows how the Hex color B4923B looks on a white background.

## Color Contrast Check

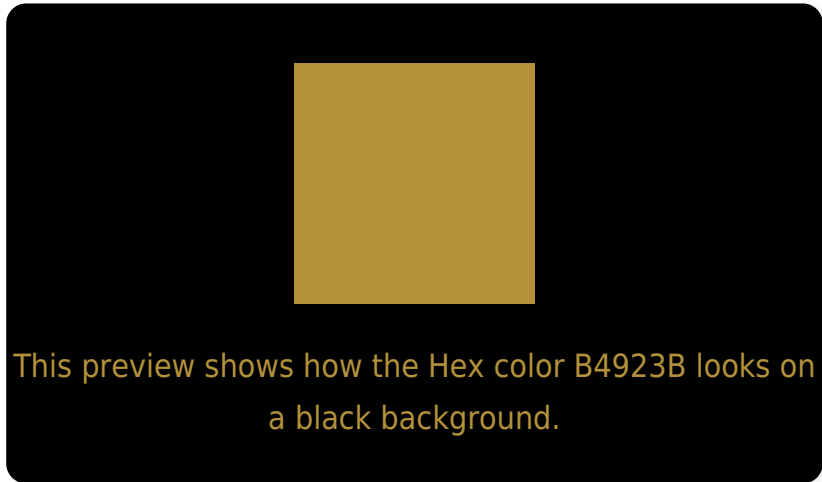
Large Text (above 18pt) WCAG AA × Fail

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 B4923B Background



This preview shows how black text looks on a background with the Hex color B4923B.



This preview shows how white text looks on a background with the Hex color B4923B.

# 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**  
B4923B

**Protanopia**  
A8973C

**Deuteranopia**  
BB8F3C



**Tritanopia**  
BB8993

# Trichromacy



**Original Color**  
B4923B

**Protanomaly**  
AC953C

**Deuteranomaly**  
B8903C

**Tritanomaly**  
B88C73

# Monochromacy



**Original Color**  
B4923B

**Achromatopsia**  
929292

**Achromatomaly**  
9E9272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4923B 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 #B4923B looks like.

```
.text, #text, p{  
    color:#B4923B  
}
```

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 #B4923B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4923B
}
```

## Border

The CSS property to change the border of an element to Hex B4923B 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
#B4923B }
```

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

```
.border{ border-color:#B4923B }
```

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

Here you see how a box with a 4 pixel #B4923B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4923B; -webkit-box-shadow:4px 4px  
4px 4px #B4923B; box-shadow:4px 4px 4px  
4px #B4923B }
```

# Background

The CSS property to change the background color of an element to Hex B4923B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4923B }
```

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

```
.background{ background-color:#B4923B }
```

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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