

# Converting Colors

Hex(B9A24B)

Have a look what the booklet for  
Hex(B9A24B) contains.

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**Color**

**Hex(B9A24B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A24B
RGB	185, 162, 75
RGB Percent	73%, 64%, 29%
CMY	0.2745, 0.3647, 0.7059
CMYK	0.00, 0.12, 0.59, 0.27
HSL	47°, 44%, 51%
HSV	47°, 59%, 73%
XYZ	34.1979, 36.6629, 11.9308
YIQ	158.9590, 41.6350, -22.1810

# Conversions

## Conversions Part 2

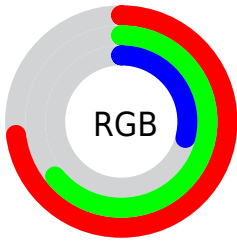
Format	Color
<a href="#">RYB</a>	<a href="#">104, 185, 75</a>
Decimal	<a href="#">12165707</a>
CIELab	<a href="#">67.02, -2.24, 47.44</a>
CIELCh	<a href="#">67, 47.492, 92.699</a>
Yxy	<a href="#">36.6629, 0.4131, 0.4428</a>
Android (android.graphics.Color)	<a href="#">4290355787</a> ( <a href="#">0xFFB9A24B</a> )
YUV	<a href="#">158.9590, -41.3918, 22.8380</a>
Hunter-Lab	<a href="#">60.5499, -5.1476, 30.7024</a>

# Details

The Hex color **B9A24B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4B62B9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F3D97F**, and **816F17** is the 20% darker color. If you saturate the color by 10%, you get **B99E39**, and if you desaturate by 10%, it is **B9A65E**.

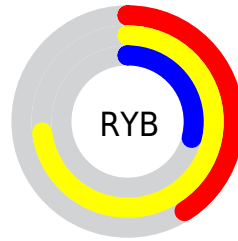
# Distribution



Red (73%)

Green (64%)

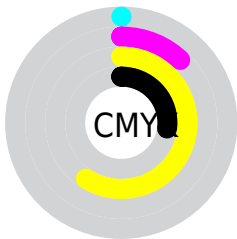
Blue (29%)



Red (41%)

Yellow (73%)

Blue (29%)

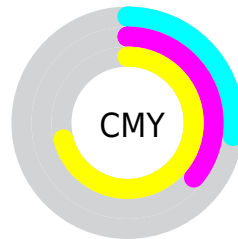


Cyan (0%)

Magenta (12%)

Yellow (59%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9A24B 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 B9A24B by changing the saturation by 10% instead.





B9A24B



B9A24B

FFFFFF



9D8832



F3D97F



816F17



FFF599



665700



FFFFB5



4C3F00



FFFFD1



322A00



FFFEE



1A1600



000000



B9A24B



B9A24B



B99E39



B9A65E

 B99A26

 B9AA70

 B99614

 B9AE83

 B99301

 B9B195

 B99200

 B9B5A8

 B9B9BA

 B9BDCD

 B9C1DF

 B9C5F2

# Harmonies

## Analogous

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



DC9357



B9A24B



8DAE59

# Triad

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



B9A24B



00B8D0



DB87CB

# Complementary

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



B9A24B



4B62B9

# 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.



AB96EB



B9A24B



00B2EE

# Square

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



B9A24B



00B9A6



60A6F8



F27FA1

# Rectangle

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



B9A24B



6AB46D



60A6F8



CE8BD7



# Sweetspot

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



B9A24B



F0E7C5



B94B63



78725D



F7F7F7



787878



# Same Dimension

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



B9A24B



F0CC46



9AB94B



5C5A53



9C7B00



1C1600



# Inverse Universe

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



4B62B9



4669F0



6A4BB9



53555C



00219C

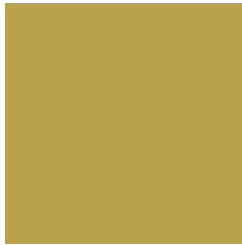


00061C



# Previews

## White Background



This preview shows how the Hex color B9A24B 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

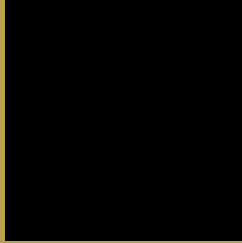
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9A24B Background



This preview shows how black text looks on a background with the Hex color B9A24B.

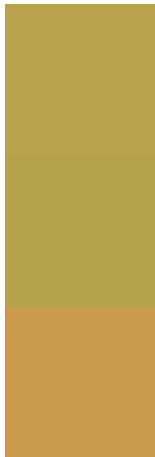


This preview shows how white text looks on a background with the Hex color B9A24B.

# 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**  
B9A24B

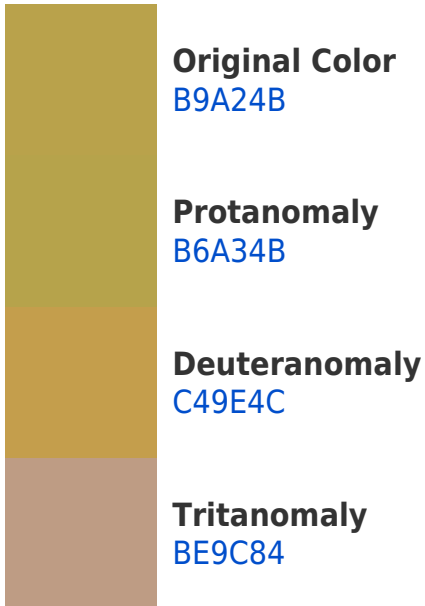
**Protanopia**  
B5A34B

**Deuteranopia**  
CA9B4D

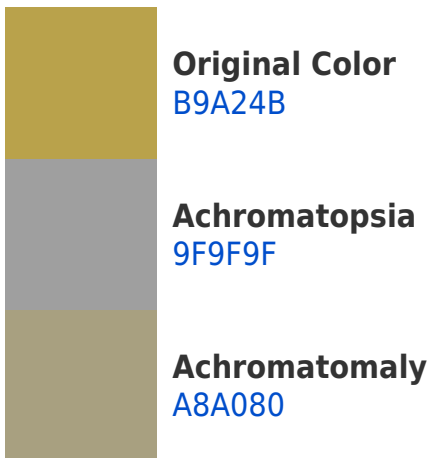


**Tritanopia**  
C198A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9A24B 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 #B9A24B looks like.

```
.text, #text, p{  
    color:#B9A24B  
}
```

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 #B9A24B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A24B
}
```

## Border

The CSS property to change the border of an element to Hex B9A24B 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
#B9A24B }
```

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

```
.border{ border-color:#B9A24B }
```

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

Here you see how a box with a 4 pixel #B9A24B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A24B; -webkit-box-shadow:4px 4px  
4px 4px #B9A24B; box-shadow:4px 4px 4px  
4px #B9A24B }
```

# Background

The CSS property to change the background color of an element to Hex B9A24B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A24B }
```

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

```
.background{ background-color:#B9A24B }
```

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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