

# Converting Colors

Hex(B49A3D)

Have a look what the booklet for  
Hex(B49A3D) contains.

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**Color**

**Hex(B49A3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49A3D
RGB	180, 154, 61
RGB Percent	71%, 60%, 24%
CMY	0.2941, 0.3961, 0.7608
CMYK	0.00, 0.14, 0.66, 0.29
HSL	47°, 49%, 47%
HSV	47°, 66%, 71%
XYZ	31.2203, 33.1514, 9.1683
YIQ	151.1720, 45.3490, -23.4110

# Conversions

## Conversions Part 2

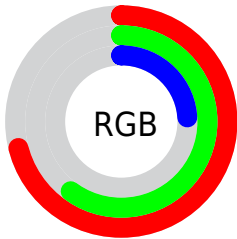
Format	Color
<b>RYB</b>	94, 180, 61
Decimal	11835965
CIELab	64.28, -1.06, 50.76
CIElCh	64, 50.770, 91.198
Yxy	33.1514, 0.4245, 0.4508
Android (android.graphics.Color)	4290026045 (0xFFB49A3D)
YUV	151.1720, -44.4548, 25.2822
Hunter-Lab	57.5773, -3.9716, 30.8631

# Details

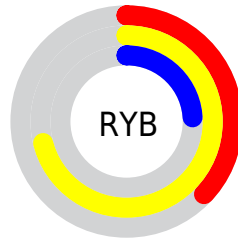
The Hex color **B49A3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D57B4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EED071**, and **7C6701** is the 20% darker color. If you saturate the color by 10%, you get **B4962B**, and if you desaturate by 10%, it is **B49E4F**.

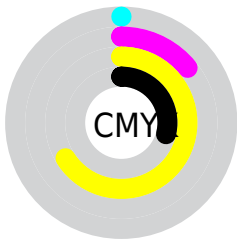
# Distribution



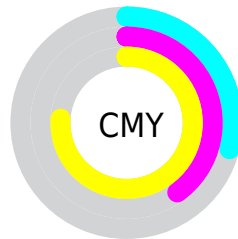
- Red (71%)
- Green (60%)
- Blue (24%)



- Red (37%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B49A3D 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 B49A3D by changing the saturation by 10% instead.



 B49A3D

 B49A3D

FFFFFF

 988023

 EED071

 7C6701

 FFEC8B

 614F00

 FFFFA7

 473900

 FFFFC2

 2D2400

 FFFFDF

 130F00

FFFFFFC

 000000

 B49A3D

 B49A3D

 B4962B

 B49E4F

 B49219

 B4A261

 B48E07

 B4A673

 B48D00

 B4AA85

 B4AE97

 B4B2A9

 B4B6BB

 B4B9CD

 B4BDDF

# Harmonies

## Analogous

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



D8894C



B49A3D



86A74B

# Triad

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



B49A3D



00B2C9



D57EC8

# Complementary

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



B49A3D



3D57B4

# 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.



A18FEA



B49A3D



00ACEB

# Square

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



B49A3D



00B29C



46A0F6



EE749C

# Rectangle

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



B49A3D



60AD61



46A0F6



C783D5



# Sweetspot

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



B49A3D



EBE0BC



B43D59



756F59



F5F5F5



757575



# Same Dimension

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



B49A3D



EBC231



94B43D



595750



997800



1A1400



# Inverse Universe

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



3D57B4



315AEB



5D3DB4



505259



002199

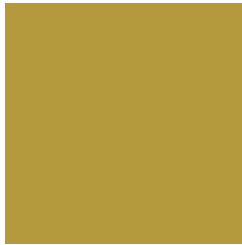


00061A



# Previews

## White Background



This preview shows how the Hex color B49A3D looks on a white background.

## Color Contrast Check

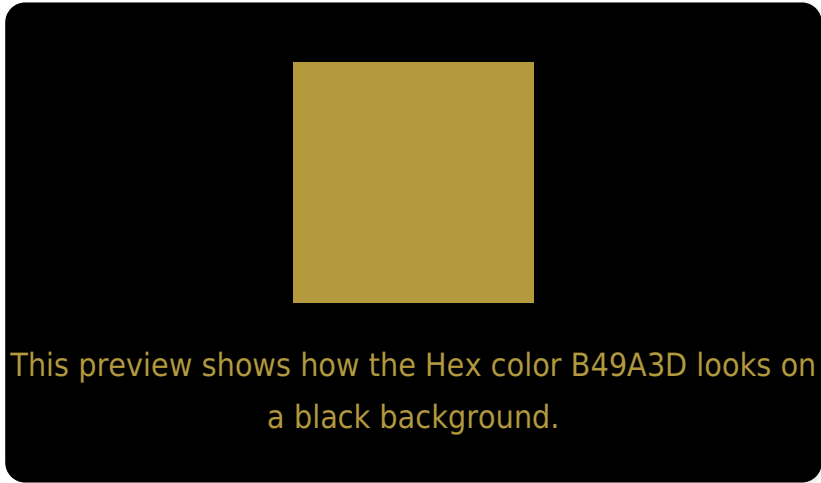
Large Text (above 18pt) WCAG AA × Fail

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 B49A3D Background



This preview shows how black text looks on a background with the Hex color B49A3D.



This preview shows how white text looks on a background with the Hex color B49A3D.

# 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**  
B49A3D

**Protanopia**  
AE9C3E

**Deuteranopia**  
C2943F

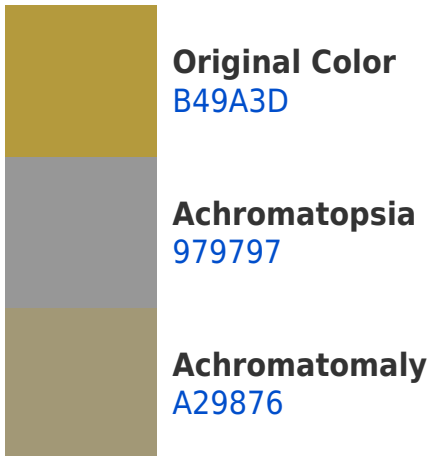


**Tritanopia**  
BC909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B49A3D 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 #B49A3D looks like.

```
.text, #text, p{  
    color:#B49A3D  
}
```

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 #B49A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49A3D
}
```

## Border

The CSS property to change the border of an element to Hex B49A3D 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
#B49A3D }
```

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

```
.border{ border-color:#B49A3D }
```

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

Here you see how a box with a 4 pixel #B49A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49A3D; -webkit-box-shadow:4px 4px  
4px 4px #B49A3D; box-shadow:4px 4px 4px  
4px #B49A3D }
```

# Background

The CSS property to change the background color of an element to Hex B49A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49A3D }
```

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

```
.background{ background-color:#B49A3D }
```

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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