

# Converting Colors

Hex(B9994A)

Have a look what the booklet for  
Hex(B9994A) contains.

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**Color**

**Hex(B9994A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9994A
RGB	185, 153, 74
RGB Percent	73%, 60%, 29%
CMY	0.2745, 0.4000, 0.7098
CMYK	0.00, 0.17, 0.60, 0.27
HSL	43°, 44%, 51%
HSV	43°, 60%, 73%
XYZ	32.6348, 33.5912, 11.2423
YIQ	153.5620, 44.4310, -17.7850

# Conversions

## Conversions Part 2

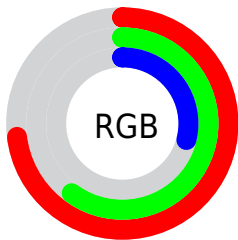
Format	Color
<a href="#">RYB</a>	<a href="#">119, 185, 74</a>
Decimal	<a href="#">12163402</a>
CIELab	<a href="#">64.64, 2.55, 45.20</a>
CIElCh	<a href="#">65, 45.274, 86.773</a>
Yxy	<a href="#">33.5912, 0.4213, 0.4336</a>
Android (android.graphics.Color)	<a href="#">4290353482 (0xFFB9994A)</a>
YUV	<a href="#">153.5620, -39.2241, 27.5711</a>
Hunter-Lab	<a href="#">57.9579, -0.9168, 29.0699</a>

# Details

The Hex color **B9994A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4A6AB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F3CF7D**, and **816617** is the 20% darker color. If you saturate the color by 10%, you get **B99438**, and if you desaturate by 10%, it is **B99E5D**.

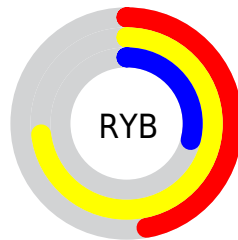
# Distribution



Red (73%)

Green (60%)

Blue (29%)



Red (47%)

Yellow (73%)

Blue (29%)

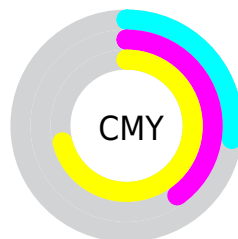


Cyan (0%)

Magenta (17%)

Yellow (60%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9994A 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 B9994A by changing the saturation by 10% instead.



 B9994A

 B9994A

FFFFFF

 9D7F31

 F3CF7D

 816617

 FFEB98

 664E00

 FFFFB3

 4C3800

 FFFFCE

 322300

 FFFFEC

 190E00

 000000

 B9994A

 B9994A

 B99438

 B99E5D

 B98E25

 B9A46F

 B98912

 B9A982

 B98400

 B9AE94

 B9B4A7

 B9B9B9

 B9BECC

 B9C4DE

 B9C9F1

# Harmonies

## Analogous

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



D88A5A



B9994A



91A552

# Triad

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



B9994A



00B1C0



CB85CA

# Complementary

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



B9994A



4A6AB9

# 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.



9994E5



B9994A



00ACE0

# Square

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



B9994A



00B197



4CA2ED



E57BA3

# Rectangle

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



B9994A



71AB63



4CA2ED



BD89D5



# Sweetspot

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



B9994A



F0E3C5



B94A6B



78705D



F7F7F7



787878



# Same Dimension

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



B9994A



F0BE43



A3B94A



5C5953



9C6F00



1C1400



# Inverse Universe

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



4A6AB9



4375F0



604AB9



53555C



002D9C



00081C



# Previews

## White Background



This preview shows how the Hex color B9994A looks on a white background.

## Color Contrast Check

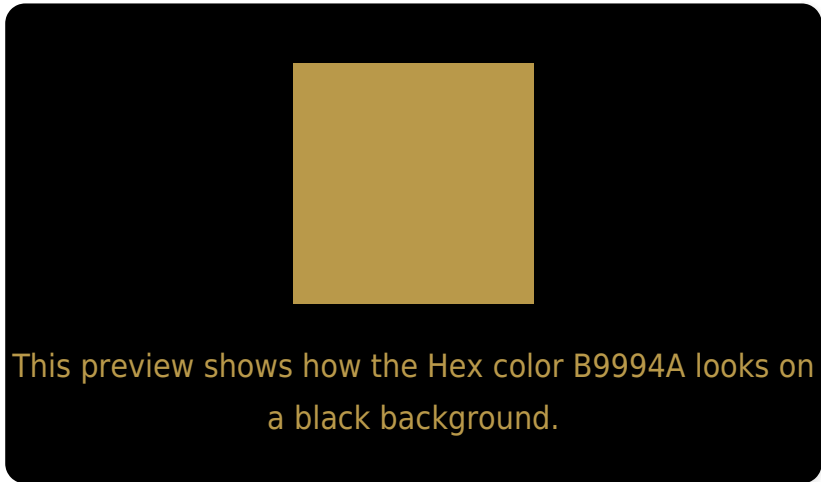
Large Text (above 18pt) WCAG AA × Fail

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 B9994A Background



This preview shows how black text looks on a background with the Hex color B9994A.



This preview shows how white text looks on a background with the Hex color B9994A.

# 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**  
B9994A

**Protanopia**  
AE9D4B

**Deuteranopia**  
C2954B



**Tritanopia**  
C0909B

# Trichromacy



**Original Color**  
B9994A

**Protanomaly**  
B29C4B

**Deuteranomaly**  
BF964B

**Tritanomaly**  
BD937E

# Monochromacy



**Original Color**  
B9994A

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
A59A7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9994A 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 #B9994A looks like.

```
.text, #text, p{  
    color:#B9994A  
}
```

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 #B9994A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9994A
}
```

## Border

The CSS property to change the border of an element to Hex B9994A 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
#B9994A }
```

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

```
.border{ border-color:#B9994A }
```

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

Here you see how a box with a 4 pixel #B9994A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9994A; -webkit-box-shadow:4px 4px  
4px 4px #B9994A; box-shadow:4px 4px 4px  
4px #B9994A }
```

# Background

The CSS property to change the background color of an element to Hex B9994A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9994A }
```

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

```
.background{ background-color:#B9994A }
```

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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