

# Converting Colors

Hex(B9A971)

Have a look what the booklet for  
Hex(B9A971) contains.

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# **Color**

**Hex(B9A971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A971
RGB	185, 169, 113
RGB Percent	73%, 66%, 44%
CMY	0.2745, 0.3373, 0.5569
CMYK	0.00, 0.09, 0.39, 0.27
HSL	47°, 34%, 58%
HSV	47°, 39%, 73%
XYZ	37.1762, 39.8825, 21.3615
YIQ	167.4000, 27.5120, -14.0240

# Conversions

## Conversions Part 2

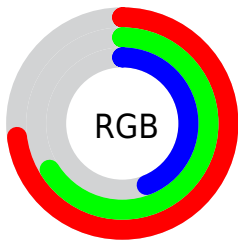
Format	Color
<a href="#">RYB</a>	<a href="#">134, 185, 113</a>
Decimal	<a href="#">12167537</a>
CIELab	<a href="#">69.39, -2.38, 31.00</a>
CIElCh	<a href="#">69, 31.095, 94.391</a>
Yxy	<a href="#">39.8825, 0.3777, 0.4052</a>
Android (android.graphics.Color)	<a href="#">4290357617 (0xFFB9A971)</a>
YUV	<a href="#">167.4000, -26.8192, 15.4352</a>
Hunter-Lab	<a href="#">63.1526, -5.4390, 24.1518</a>

# Details

The Hex color **B9A971** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7181B9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F2E0A5**, and **837540** is the 20% darker color. If you saturate the color by 10%, you get **B9A55F**, and if you desaturate by 10%, it is **B9AD84**.

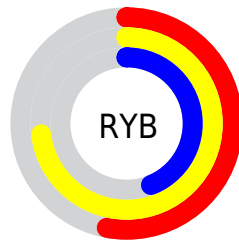
# Distribution



Red (73%)

Green (66%)

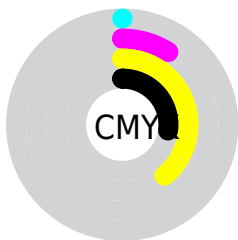
Blue (44%)



Red (53%)

Yellow (73%)

Blue (44%)

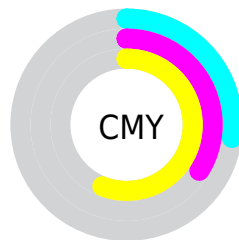


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9A971 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 B9A971 by changing the saturation by 10% instead.



 B9A971

 B9A971

FFFFFF

 9D8F58

 F2E0A5

 837540

 FFFDC1

 685D29

 FFFFDD

 4F4512

 FFFFFA

 382F00

 201A00

 000000

 B9A971

 B9A971

 B9A55F

 B9AD84

 B9A14C

 B9B196

 B99D3A

 B9B5A9

 B99927

 B9B9BB

 B99414

 B9BECD

 B99002

 B9C2E0

 B99000

 B9C6F3

 B9CAFF

 B9CEFF

# Harmonies

## Analogous

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



D19F77



B9A971



9BB17A

# Triad

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



B9A971



4CB8C8



D198C2

# Complementary

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



B9A971



7181B9

# 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.



B3A1D8



B9A971



61B3DB

# Square

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



B9A971



5AB9AD



8AABE1



E094A6

# Rectangle

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



B9A971



85B588



8AABE1



C89ACB

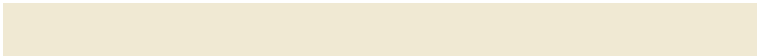


# Sweetspot

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



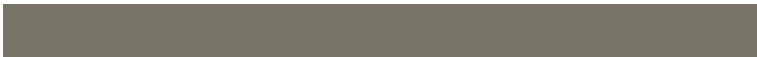
B9A971



F0E9D3



B97182



787467



F7F7F7



787878



# Same Dimension

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



B9A971



F0D77F



A6B971



5C5A53



9C7900



1C1600



# Inverse Universe

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



7181B9



7F98F0



8471B9



53555C



00239C



00061C



# Previews

## White Background



This preview shows how the Hex color B9A971 looks on a white background.

## Color Contrast Check

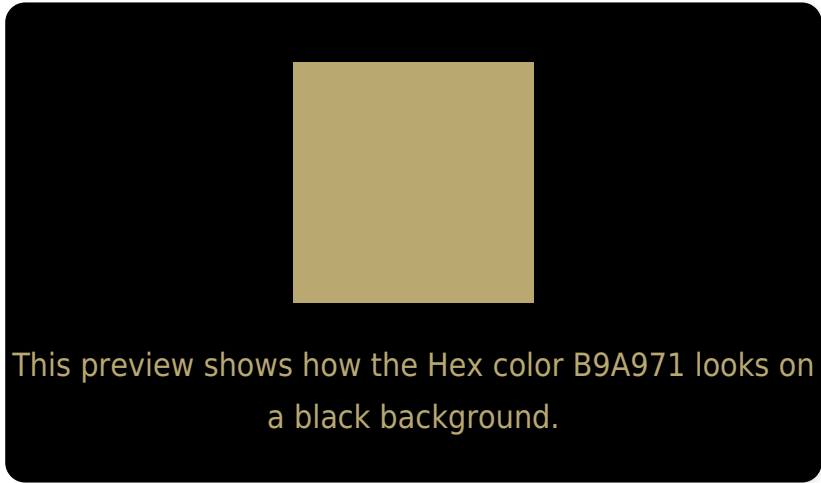
Large Text (above 18pt) WCAG AA × Fail

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

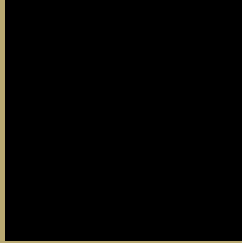
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9A971 Background



This preview shows how black text looks on a background with the Hex color B9A971.



This preview shows how white text looks on a background with the Hex color B9A971.

# 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



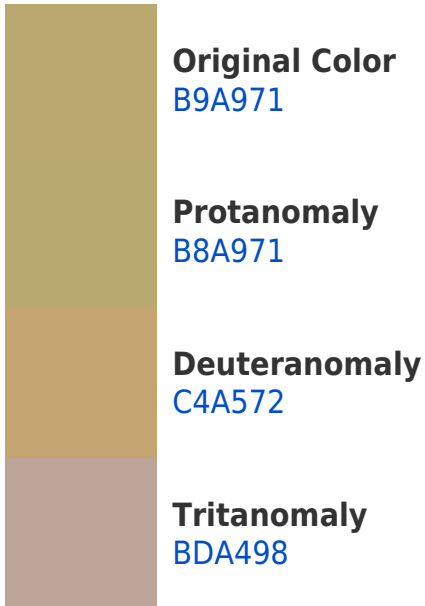
**Original Color**  
B9A971

**Protanopia**  
B8A971

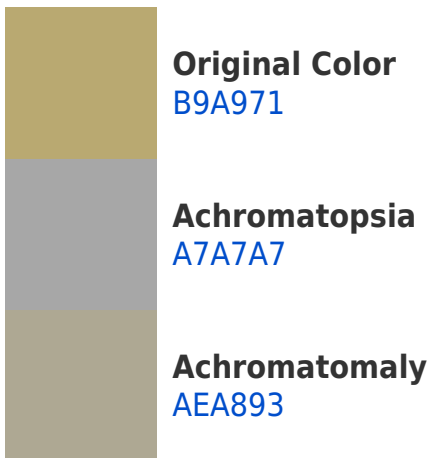
**Deuteranopia**  
CBA272



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9A971 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 #B9A971 looks like.

```
.text, #text, p{  
    color:#B9A971  
}
```

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 #B9A971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A971
}
```

## Border

The CSS property to change the border of an element to Hex B9A971 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
#B9A971 }
```

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

```
.border{ border-color:#B9A971 }
```

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

Here you see how a box with a 4 pixel #B9A971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A971; -webkit-box-shadow:4px 4px  
4px 4px #B9A971; box-shadow:4px 4px 4px  
4px #B9A971 }
```

# Background

The CSS property to change the background color of an element to Hex B9A971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A971 }
```

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

```
.background{ background-color:#B9A971 }
```

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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