

# Converting Colors

Hex(B9A649)

Have a look what the booklet for  
Hex(B9A649) contains.

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**Color**

**Hex(B9A649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A649
RGB	185, 166, 73
RGB Percent	73%, 65%, 29%
CMY	0.2745, 0.3490, 0.7137
CMYK	0.00, 0.10, 0.61, 0.27
HSL	50°, 44%, 51%
HSV	50°, 61%, 73%
XYZ	34.8464, 38.0678, 11.8145
YIQ	161.0790, 41.1770, -24.8950

# Conversions

## Conversions Part 2

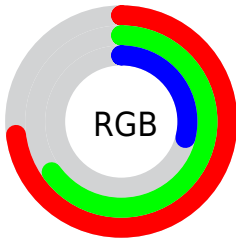
Format	Color
<a href="#">RYB</a>	<a href="#">96, 185, 73</a>
Decimal	<a href="#">12166729</a>
CIELab	<a href="#">68.07, -4.52, 49.56</a>
CIElCh	<a href="#">68, 49.762, 95.207</a>
Yxy	<a href="#">38.0678, 0.4113, 0.4493</a>
Android (android.graphics.Color)	<a href="#">4290356809</a> ( <a href="#">0xFFB9A649</a> )
YUV	<a href="#">161.0790, -43.4229, 20.9787</a>
Hunter-Lab	<a href="#">61.6991, -7.1602, 31.8361</a>

# Details

The Hex color **B9A649** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **495CB9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F3DD7D**, and **817213** is the 20% darker color. If you saturate the color by 10%, you get **B9A336**, and if you desaturate by 10%, it is **B9A95B**.

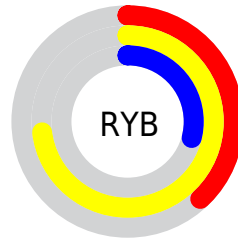
# Distribution



Red (73%)

Green (65%)

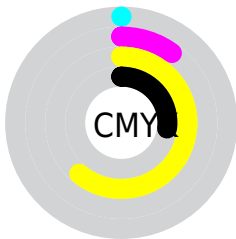
Blue (29%)



Red (38%)

Yellow (73%)

Blue (29%)

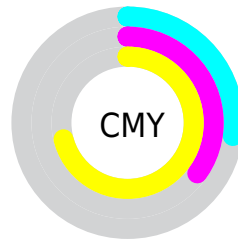


Cyan (0%)

Magenta (10%)

Yellow (61%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9A649 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 B9A649 by changing the saturation by 10% instead.





B9A649



B9A649

FFFFFF



9D8C2F



F3DD7D



817213



FFF998



665A00



FFFFB3



4C4300



FFFFCF



322D00



FFF FEC



1A1900



000000



B9A649



B9A649



B9A336



B9A95B

 B9A024

 B9AC6E

 B99D11

 B9AF81

 B99A00

 B9B393

 B9B6A5

 B9B9B8

 B9BCCB

 B9BFDD

 B9C2EF

# Harmonies

## Analogous

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



DF9654



B9A649



8AB25A

# Triad

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



B9A649



00BBD8



E487CC

# Complementary

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



B9A649



495CB9

# 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.



B497F0



B9A649



00B5F7

# Square

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



B9A649



00BDAD



66A8FF



F980A0

# Rectangle

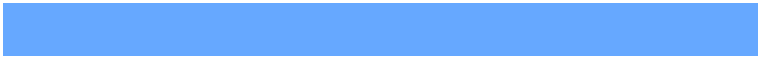
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9A649



64B871



66A8FF



D78CDA



# Sweetspot

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



B9A649



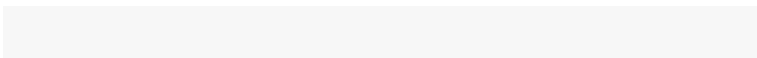
F0E8C5



B9495E



78735D



F7F7F7



787878



# Same Dimension

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



B9A649



F0D241



96B949



5C5A53



9C8100



1C1700



# Inverse Universe

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



495CB9



415EF0



6C49B9



53545C



001A9C



00051C



# Previews

## White Background



This preview shows how the Hex color B9A649 looks on a white background.

## Color Contrast Check

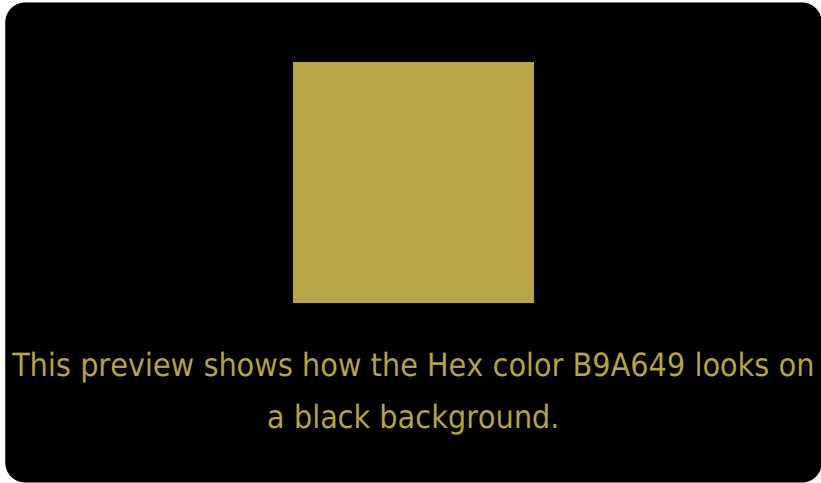
Large Text (above 18pt) WCAG AA × Fail

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 B9A649 Background



This preview shows how black text looks on a background with the Hex color B9A649.



This preview shows how white text looks on a background with the Hex color B9A649.

# 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**  
B9A649

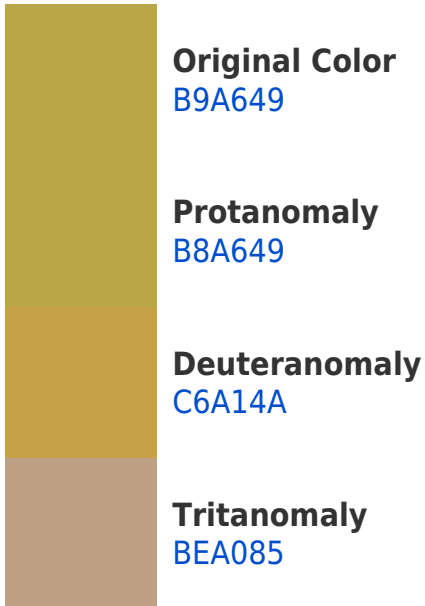
**Protanopia**  
B8A649

**Deuteranopia**  
CD9E4B

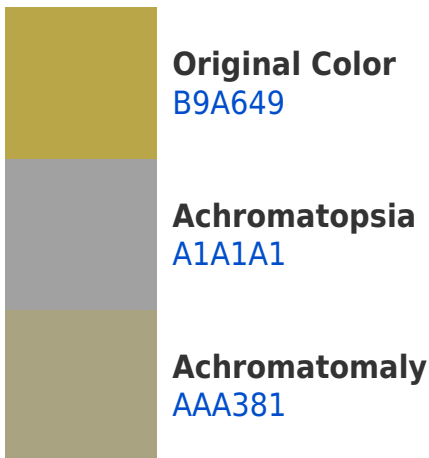


**Tritanopia**  
C19CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9A649 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 #B9A649 looks like.

```
.text, #text, p{  
    color:#B9A649  
}
```

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 #B9A649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A649
}
```

## Border

The CSS property to change the border of an element to Hex B9A649 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
#B9A649 }
```

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

```
.border{ border-color:#B9A649 }
```

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

Here you see how a box with a 4 pixel #B9A649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A649; -webkit-box-shadow:4px 4px  
4px 4px #B9A649; box-shadow:4px 4px 4px  
4px #B9A649 }
```

# Background

The CSS property to change the background color of an element to Hex B9A649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A649 }
```

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

```
.background{ background-color:#B9A649 }
```

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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