

# Converting Colors

Hex(B9A85A)

Have a look what the booklet for  
Hex(B9A85A) contains.

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# **Color**

**Hex(B9A85A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A85A
RGB	185, 168, 90
RGB Percent	73%, 66%, 35%
CMY	0.2745, 0.3412, 0.6471
CMYK	0.00, 0.09, 0.51, 0.27
HSL	49°, 40%, 54%
HSV	49°, 51%, 73%
XYZ	35.8557, 39.0577, 15.3220
YIQ	164.1910, 35.1700, -20.6540

# Conversions

## Conversions Part 2

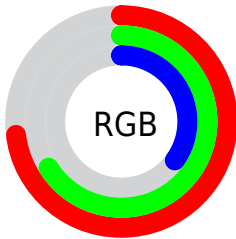
Format	Color
<a href="#">RYB</a>	<a href="#">111, 185, 90</a>
Decimal	<a href="#">12167258</a>
CIELab	<a href="#">68.79, -4.21, 42.17</a>
CIElCh	<a href="#">69, 42.377, 95.699</a>
Yxy	<a href="#">39.0577, 0.3974, 0.4328</a>
Android (android.graphics.Color)	<a href="#">4290357338</a> ( <a href="#">0xFFB9A85A</a> )
YUV	<a href="#">164.1910, -36.5762, 18.2495</a>
Hunter-Lab	<a href="#">62.4962, -6.9583, 29.2114</a>

# Details

The Hex color **B9A85A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A6BB9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F3DF8E**, and **827428** is the 20% darker color. If you saturate the color by 10%, you get **B9A548**, and if you desaturate by 10%, it is **B9AB6D**.

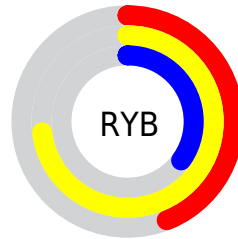
# Distribution



Red (73%)

Green (66%)

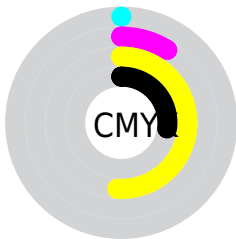
Blue (35%)



Red (44%)

Yellow (73%)

Blue (35%)

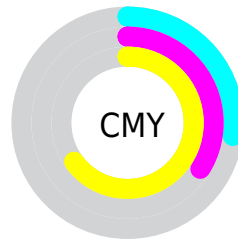


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9A85A 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 B9A85A by changing the saturation by 10% instead.



 B9A85A

 B9A85A

FFFFFF

 9D8E41

 F3DF8E

 827428

 FFFCA9

 675C0E

 FFFFC4

 4D4400

 FFFFE1

 342E00

FFFFFFE

 1C1A00

 000000

 B9A85A

 B9A85A

 B9A548

 B9AB6D

 B9A135

 B9AF7F

 B99E23

 B9B292

 B99B10

 B9B5A4

 B99800

 B9B9B7

 B9BCC9

 B9BFDC

 B9C2EE

 B9C6FF

# Harmonies

## Analogous

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



DA9B62



B9A85A



90B368

# Triad

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



B9A85A



00BAD3



DE8EC8

# Complementary

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



B9A85A



5A6BB9

# 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.



B59BE6



B9A85A



1AB4ED

# Square

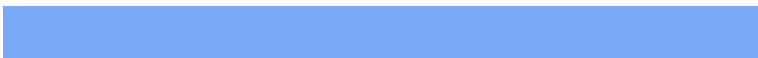
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B9A85A



05BCAE



79A9F4



F089A2

# Rectangle

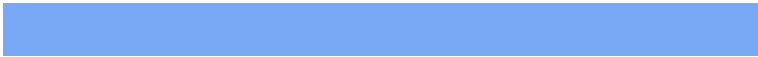
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9A85A



71B87B



79A9F4



D392D4

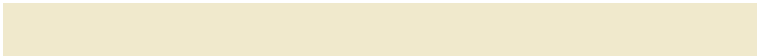


# Sweetspot

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



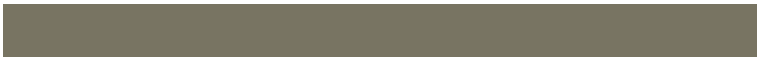
B9A85A



F0E9CC



B95A6B



787462



F7F7F7



787878



# Same Dimension

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



B9A85A



F0D55B



9BB95A



5C5A53



9C8000



1C1700



# Inverse Universe

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



5A6BB9



5B76F0



785AB9



53545C



001C9C



00051C



# Previews

## White Background



This preview shows how the Hex color B9A85A looks on a white background.

## Color Contrast Check

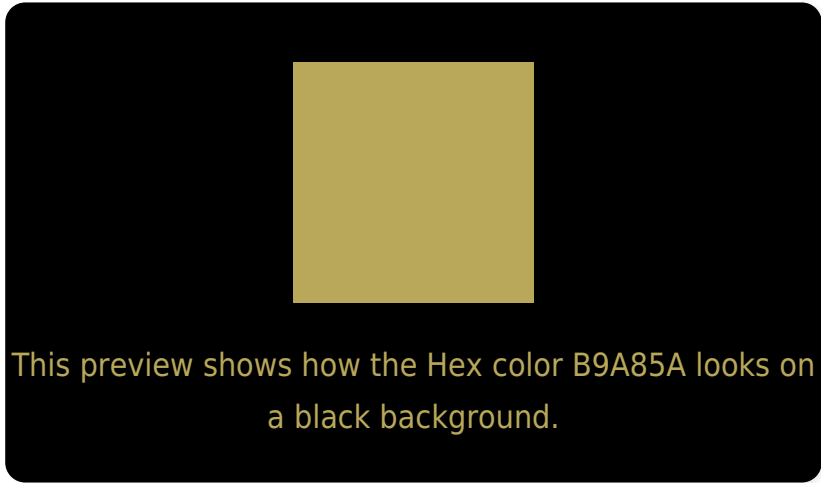
Large Text (above 18pt) WCAG AA × Fail

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 B9A85A Background



This preview shows how black text looks on a background with the Hex color B9A85A.



This preview shows how white text looks on a background with the Hex color B9A85A.

# 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**  
B9A85A

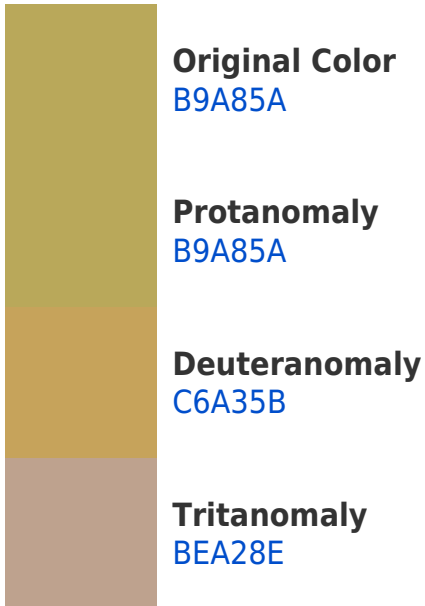
**Protanopia**  
B9A85A

**Deuteranopia**  
CDA05C

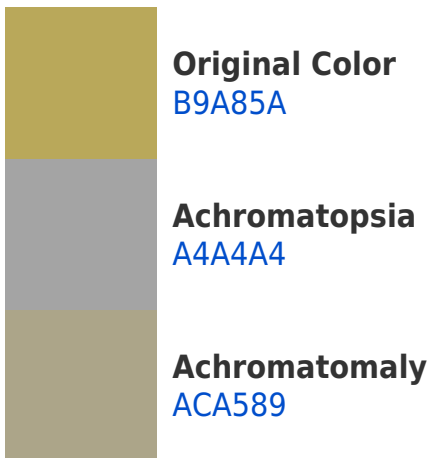


**Tritanopia**  
C19FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9A85A 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 #B9A85A looks like.

```
.text, #text, p{  
    color:#B9A85A  
}
```

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 #B9A85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A85A
}
```

## Border

The CSS property to change the border of an element to Hex B9A85A 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
#B9A85A }
```

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

```
.border{ border-color:#B9A85A }
```

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

Here you see how a box with a 4 pixel #B9A85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A85A; -webkit-box-shadow:4px 4px  
4px 4px #B9A85A; box-shadow:4px 4px 4px  
4px #B9A85A }
```

# Background

The CSS property to change the background color of an element to Hex B9A85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A85A }
```

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

```
.background{ background-color:#B9A85A }
```

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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