

Converting Colors

Hex(B9A851)

Have a look what the booklet for
Hex(B9A851) contains.

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Color

Hex(B9A851)

Conversions

Conversions Part 1

Format	Color
Hex	B9A851
RGB	185, 168, 81
RGB Percent	73%, 66%, 32%
CMY	0.2745, 0.3412, 0.6824
CMYK	0.00, 0.09, 0.56, 0.27
HSL	50°, 43%, 52%
HSV	50°, 56%, 73%
XYZ	35.4954, 38.9136, 13.4249
YIQ	163.1650, 38.0590, -23.4530

Conversions

Conversions Part 2

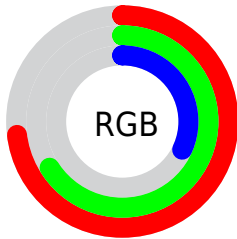
Format	Color
RYB	101, 185, 81
Decimal	12167249
CIELab	68.69, -4.97, 46.47
CIELCh	69, 46.737, 96.107
Yxy	38.9136, 0.4041, 0.4430
Android (android.graphics.Color)	4290357329 (0xFFB9A851)
YUV	163.1650, -40.5073, 19.1493
Hunter-Lab	62.3808, -7.5977, 30.9069

Details

The Hex color **B9A851** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5162B9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F3DF85**, and **81741E** is the 20% darker color. If you saturate the color by 10%, you get **B9A53E**, and if you desaturate by 10%, it is **B9AB64**.

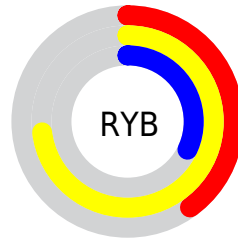
Distribution



Red (73%)

Green (66%)

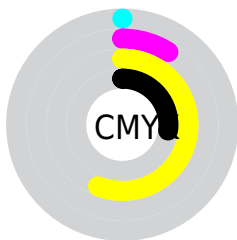
Blue (32%)



Red (40%)

Yellow (73%)

Blue (32%)

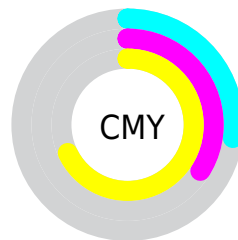


Cyan (0%)

Magenta (9%)

Yellow (56%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9A851 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 B9A851 by changing the saturation by 10% instead.

 B9A851

 B9A851

FFFFFF

 9D8E38

 F3DF85

 81741E

 FFFBA0

 675C00

 FFFFBB

 4D4500

 FFFFD8

 332F00

 FFFFF4

 1B1A00

 000000

 B9A851

 B9A851

 B9A53E

 B9AB64

 B9A22C

 B9AE76

 B99F19

 B9B189

 B99C07

 B9B49B

 B99B00

 B9B7AD

 B9BAC0

 B9BDD3

 B9C0E5

 B9C3F7

Harmonies

Analogous

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



DD995A



B9A851



8CB461

Triad

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



B9A851



00BCD8



E38ACB

Complementary

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



B9A851



5162B9

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.



B799EC



B9A851



00B5F4

Square

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



B9A851



00BDAF



71A9FB



F784A0

Rectangle

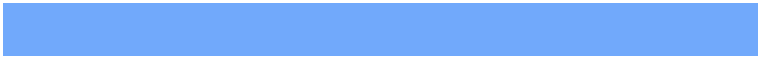
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9A851



69B977



71A9FB



D78FD7

Sweetspot

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



B9A851



F0E9C7



B95162



787460



F7F7F7



787878

Same Dimension

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



B9A851



F0D54F



96B951



5C5A53



9C8200



1C1700

Inverse Universe

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



5162B9



4F69F0



7451B9



53545C



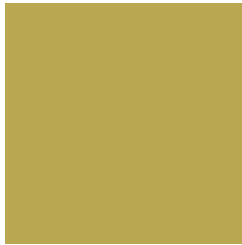
00199C



00051C

Previews

White Background



This preview shows how the Hex color B9A851 looks on a white background.

Color Contrast Check

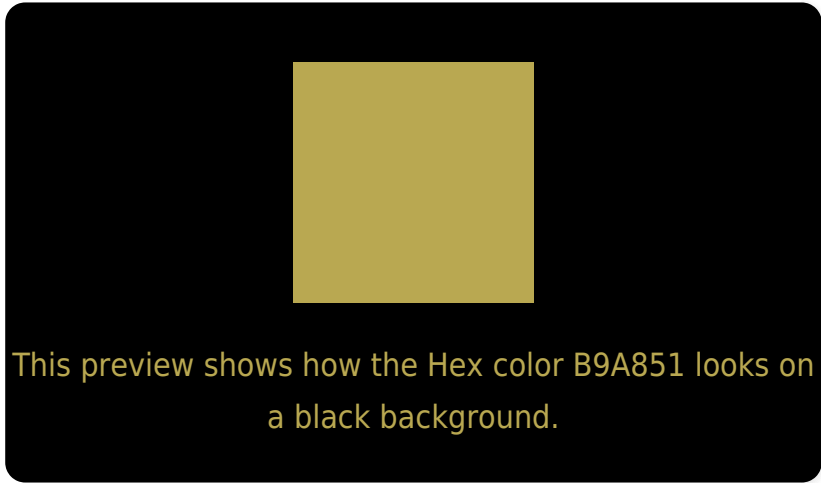
Large Text (above 18pt) WCAG AA × Fail

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 B9A851 Background



This preview shows how black text looks on a background with the Hex color B9A851.

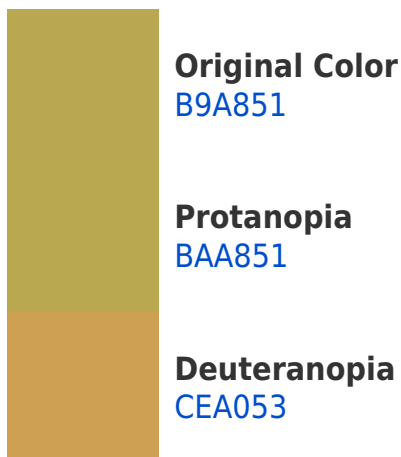


This preview shows how white text looks on a background with the Hex color B9A851.

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](#).

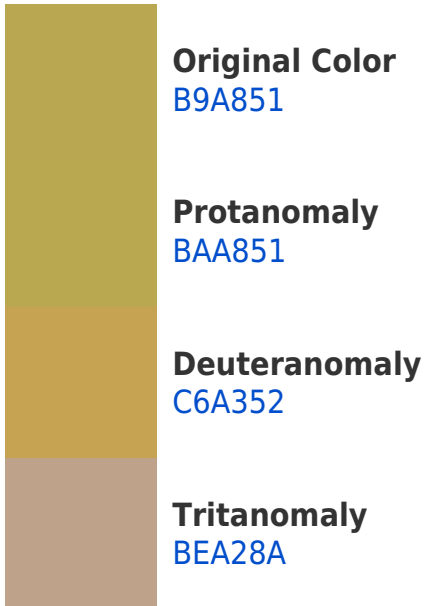
Dichromacy



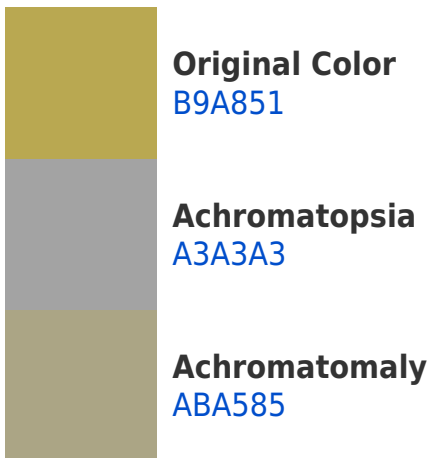


Tritanopia
C19EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9A851 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 #B9A851 looks like.

```
.text, #text, p{  
    color:#B9A851  
}
```

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 #B9A851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A851
}
```

Border

The CSS property to change the border of an element to Hex B9A851 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
#B9A851 }
```

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

```
.border{ border-color:#B9A851 }
```

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

Here you see how a box with a 4 pixel #B9A851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A851; -webkit-box-shadow:4px 4px  
4px 4px #B9A851; box-shadow:4px 4px 4px  
4px #B9A851 }
```

Background

The CSS property to change the background color of an element to Hex B9A851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A851 }
```

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

```
.background{ background-color:#B9A851 }
```

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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