

Converting Colors

Hex(B9AC74)

Have a look what the booklet for
Hex(B9AC74) contains.

Hex(B9AC74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9AC74)

Conversions

Conversions Part 1

Format	Color
Hex	B9AC74
RGB	185, 172, 116
RGB Percent	73%, 67%, 45%
CMY	0.2745, 0.3255, 0.5451
CMYK	0.00, 0.07, 0.37, 0.27
HSL	49°, 33%, 59%
HSV	49°, 37%, 73%
XYZ	37.9125, 41.0803, 22.4541
YIQ	169.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

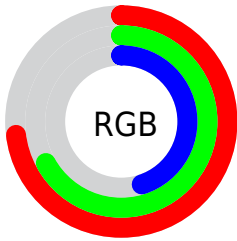
Format	Color
RYB	132, 185, 116
Decimal	12168308
CIELab	70.23, -3.63, 30.51
CIELCh	70, 30.730, 96.785
Yxy	41.0803, 0.3737, 0.4049
Android (android.graphics.Color)	4290358388 (0xFFB9AC74)
YUV	169.5030, -26.3770, 13.5909
Hunter-Lab	64.0939, -6.5790, 24.0946

Details

The Hex color **B9AC74** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7481B9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F2E3A9**, and **837843** is the 20% darker color. If you saturate the color by 10%, you get **B9A962**, and if you desaturate by 10%, it is **B9AF87**.

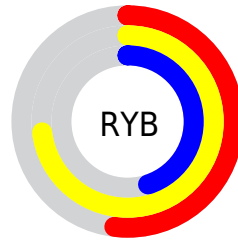
Distribution



Red (73%)

Green (67%)

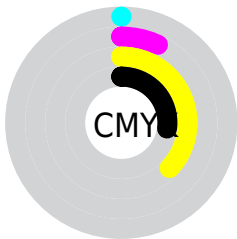
Blue (45%)



Red (52%)

Yellow (73%)

Blue (45%)

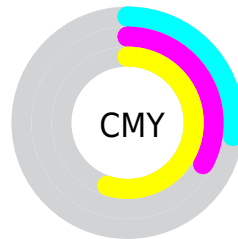


Cyan (0%)

Magenta (7%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9AC74 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 B9AC74 by changing the saturation by 10% instead.



B9AC74



B9AC74

FFFFFF



9D925B



F2E3A9



837843



FFFFC4



695F2C



FFFFE0



4F4815

FFFFFFD



383100



201D00



000200



000000



B9AC74



B9AC74

 B9A962

 B9AF87

 B9A54F

 B9B399

 B9A23D

 B9B6AC

 B99E2A

 B9BABE

 B99B18

 B9BDD1

 B99705

 B9C1E3

 B99600

 B9C4F5

 B9C8FF

 B9CBFF

Harmonies

Analogous

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



D2A379



B9AC74



9AB47E

Triad

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



B9AC74



51BACC



D59AC2

Complementary

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



B9AC74



7481B9

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.



B8A2D8



B9AC74



68B5DE

Square

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



B9AC74



5CBBB1



90ACE3



E397A6

Rectangle

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



B9AC74



85B88C



90ACE3



CD9CCB

Sweetspot

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



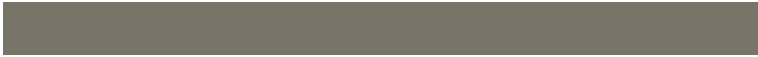
B9AC74



F0EBD5



B97482



787568



F7F7F7



787878

Same Dimension

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



B9AC74



F0DB84



A4B974



5C5A53



9C7E00



1C1700

Inverse Universe

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



7481B9



8498F0



8974B9



53545C



001D9C



00051C

Previews

White Background



This preview shows how the Hex color B9AC74 looks on a white background.

Color Contrast Check

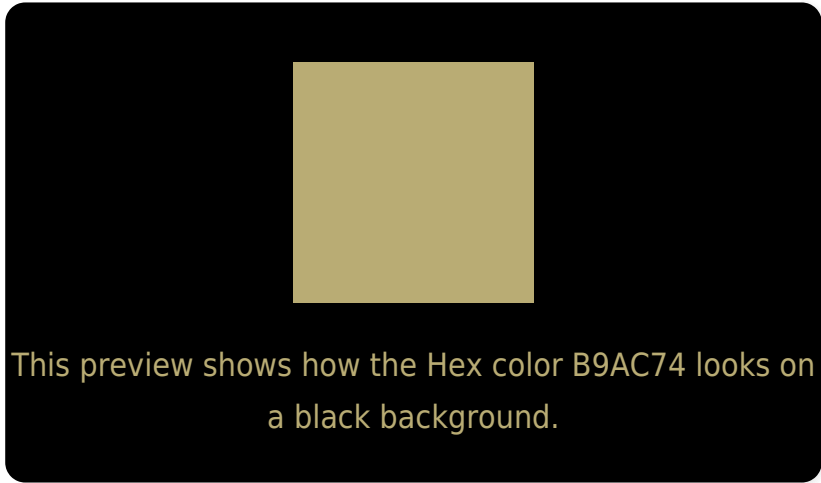
Large Text (above 18pt) WCAG AA × Fail

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

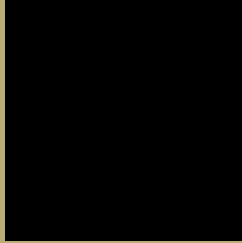
Any Text WCAG AA ✓ Pass

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 B9AC74 Background



This preview shows how black text looks on a background with the Hex color B9AC74.



This preview shows how white text looks on a background with the Hex color B9AC74.

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

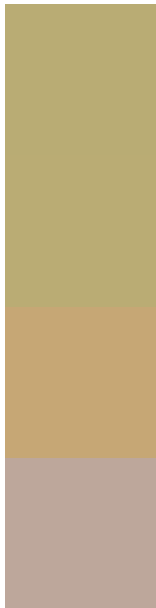


Original Color
B9AC74

Protanopia
BAAC74

Deuteranopia
CDA476

Trichromacy



Original Color
B9AC74

Protanomaly
BAAC74

Deuteranomaly
C6A775

Tritanomaly
BDA79B

Monochromacy



Original Color
B9AC74

Achromatopsia
AAAAAA

Achromatomaly
AFAB96

CSS Examples

Text

The CSS property to change the color of the text to Hex B9AC74 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 #B9AC74 looks like.

```
.text, #text, p{  
    color:#B9AC74  
}
```

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 #B9AC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9AC74
}
```

Border

The CSS property to change the border of an element to Hex B9AC74 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
#B9AC74 }
```

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

```
.border{ border-color:#B9AC74 }
```

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

Here you see how a box with a 4 pixel #B9AC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9AC74; -webkit-box-shadow:4px 4px  
4px 4px #B9AC74; box-shadow:4px 4px 4px  
4px #B9AC74 }
```

Background

The CSS property to change the background color of an element to Hex B9AC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9AC74 }
```

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

```
.background{ background-color:#B9AC74 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor