

# Converting Colors

Hex(B4AF94)

Have a look what the booklet for  
Hex(B4AF94) contains.

<b>Hex(B4AF94)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(B4AF94)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B4AF94
RGB	180, 175, 148
RGB Percent	71%, 69%, 58%
CMY	0.2941, 0.3137, 0.4196
CMYK	0.00, 0.03, 0.18, 0.29
HSL	51°, 18%, 64%
HSV	51°, 18%, 71%
XYZ	39.4977, 42.5014, 34.1388
YIQ	173.4170, 11.6470, -7.3370

# Conversions

## Conversions Part 2

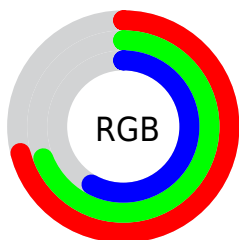
Format	Color
<a href="#">RYB</a>	<a href="#">154, 180, 148</a>
Decimal	<a href="#">11841428</a>
CIELab	<a href="#">71.22, -2.81, 14.50</a>
CIELCh	<a href="#">71, 14.770, 100.961</a>
Yxy	<a href="#">42.5014, 0.3401, 0.3660</a>
Android (android.graphics.Color)	<a href="#">4290031508</a> (0xFFB4AF94)
YUV	<a href="#">173.4170, -12.5306, 5.7733</a>
Hunter-Lab	<a href="#">65.1931, -5.9424, 14.5875</a>

# Details

The Hex color **B4AF94** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9499B4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **ECE6CA**, and **7F7B61** is the 20% darker color. If you saturate the color by 10%, you get **B4AC82**, and if you desaturate by 10%, it is **B4B2A6**.

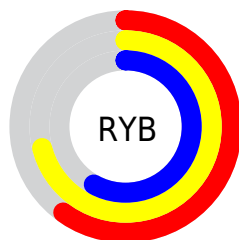
# Distribution



Red (71%)

Green (69%)

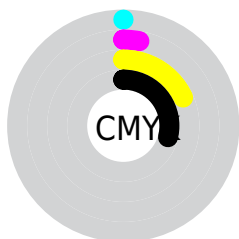
Blue (58%)



Red (60%)

Yellow (71%)

Blue (58%)

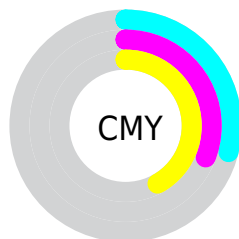


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4AF94 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 B4AF94 by changing the saturation by 10% instead.



 B4AF94

FFFFFF

 ECE6CA

 FFFFE6

 B4AF94

 99947A

 7F7B61

 666249

 4E4A33

 36341D

 211E05

 000600

 000000

 B4AF94

 B4AF94

 B4AC82

 B4B2A6

 B4A970

 B4B5B8

 B4A75E

 B4B7CA

 B4A44C

 B4BADC

 B4A13A

 B4BDEE

 B49E28

 B4C0FF

 B49B16

 B4C3FF

 B49804

 B4C6FF

 B49800

 B4C8FF

# Harmonies

## Analogous

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



C1AB95



B4AF94



A5B39A

# Triad

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



B4AF94



8DB5BF



C4A6B7

# Complementary

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



B4AF94



9499B4

# 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.



B7A9C3



B4AF94



96B2C7

# Square

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



B4AF94



8DB6B3



A6AEC9



CBA5AA

# Rectangle

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



B4AF94



9BB5A1



A6AEC9



C0A7BC



# Sweetspot

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



B4AF94



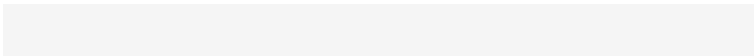
EBE9DF



B49499



75746E



F5F5F5



757575



# Same Dimension

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



B4AF94



EBE3B9



A9B494



595850



998100



1A1600



# Inverse Universe

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



9499B4



B9C1EB



9F94B4



505259



001899



00041A



# Previews

## White Background



This preview shows how the Hex color B4AF94 looks on a white background.

## Color Contrast Check

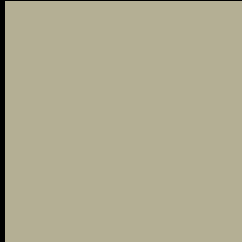
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B4AF94 looks on a 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

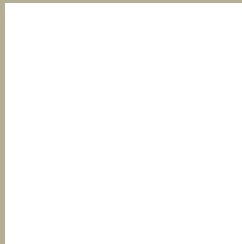
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4AF94 Background



This preview shows how black text looks on a background with the Hex color B4AF94.



This preview shows how white text looks on a background with the Hex color B4AF94.

# 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**

B4AF94

**Protanopia**

B8AE93

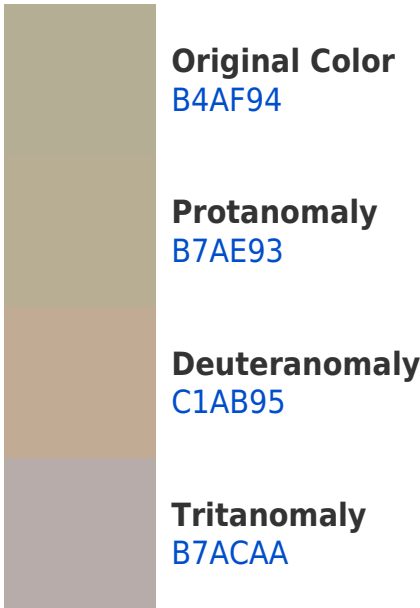
**Deuteranopia**

C8A895

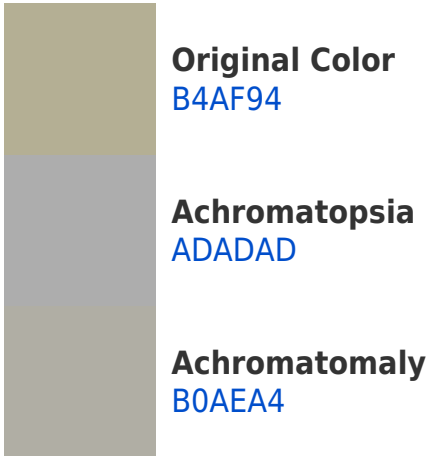


**Tritanopia**  
B9AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4AF94 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 #B4AF94 looks like.

```
.text, #text, p{  
    color:#B4AF94  
}
```

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 #B4AF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AF94
}
```

## Border

The CSS property to change the border of an element to Hex B4AF94 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
#B4AF94 }
```

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

```
.border{ border-color:#B4AF94 }
```

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

Here you see how a box with a 4 pixel #B4AF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AF94; -webkit-box-shadow:4px 4px  
4px 4px #B4AF94; box-shadow:4px 4px 4px  
4px #B4AF94 }
```

# Background

The CSS property to change the background color of an element to Hex B4AF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AF94 }
```

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

```
.background{ background-color:#B4AF94 }
```

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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