

# Converting Colors

Hex(B0A484)

Have a look what the booklet for  
Hex(B0A484) contains.

<b>Hex(B0A484)</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(B0A484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A484
RGB	176, 164, 132
RGB Percent	69%, 64%, 52%
CMY	0.3098, 0.3569, 0.4824
CMYK	0.00, 0.07, 0.25, 0.31
HSL	44°, 22%, 60%
HSV	44°, 25%, 69%
XYZ	35.3448, 37.4470, 27.1949
YIQ	163.9400, 17.4240, -7.4080

# Conversions

## Conversions Part 2

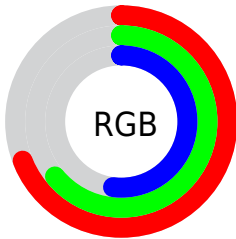
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 176, 132</a>
Decimal	<a href="#">11576452</a>
CIELab	<a href="#">67.61, -0.84, 18.20</a>
CIELCh	<a href="#">68, 18.224, 92.632</a>
Yxy	<a href="#">37.4470, 0.3535, 0.3745</a>
Android (android.graphics.Color)	<a href="#">4289766532 (0xFFB0A484)</a>
YUV	<a href="#">163.9400, -15.7464, 10.5766</a>
Hunter-Lab	<a href="#">61.1939, -3.9901, 16.4870</a>

# Details

The Hex color **B0A484** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8490B0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E8DBB9**, and **7B7052** is the 20% darker color. If you saturate the color by 10%, you get **B09F72**, and if you desaturate by 10%, it is **B0A996**.

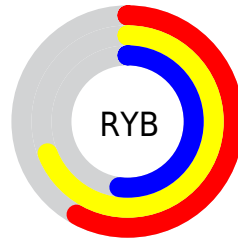
# Distribution



Red (69%)

Green (64%)

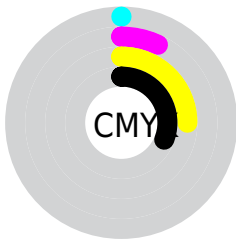
Blue (52%)



Red (58%)

Yellow (69%)

Blue (52%)

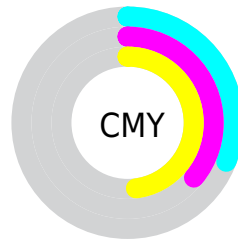


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A484 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 B0A484 by changing the saturation by 10% instead.





B0A484



B0A484

FFFFFF



958A6B



E8DBB9



7B7052



FFF7D5



62583B



FFFFF1



494125



322B10



1D1600



000000



B0A484



B0A484




B09F72



B0A996

 B09A61

 B0AEA7

 B0964F

 B0B2B9

 B0913E

 B0B7CA

 B08C2C

 B0BCDC

 B0871A

 B0C1EE

 B08209

 B0C6FF

 B08000

 B0CAFF

 B0CFFF

# Harmonies

## Analogous

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



BE9F88



B0A484



9EA989

# Triad

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



B0A484



78ADB6



BB9BB4

# Complementary

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



B0A484



8490B0

# 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.



A9A0C0



B0A484



81AAC1

# Square

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



B0A484



7DAEA6



94A6C5



C699A4

# Rectangle

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



B0A484



91AC90



94A6C5



B69DB9

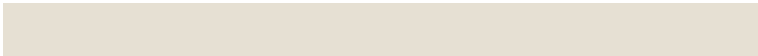


# Sweetspot

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



B0A484



E6E0D3



B08490



737067



F2F2F2



737373



# Same Dimension

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



B0A484



E6D3A1



A6B084



595750



996F00



1A1300



# Inverse Universe

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



8490B0



A1B3E6



8E84B0



505359



002A99



00071A



# Previews

## White Background



This preview shows how the Hex color B0A484 looks on a white background.

## Color Contrast Check

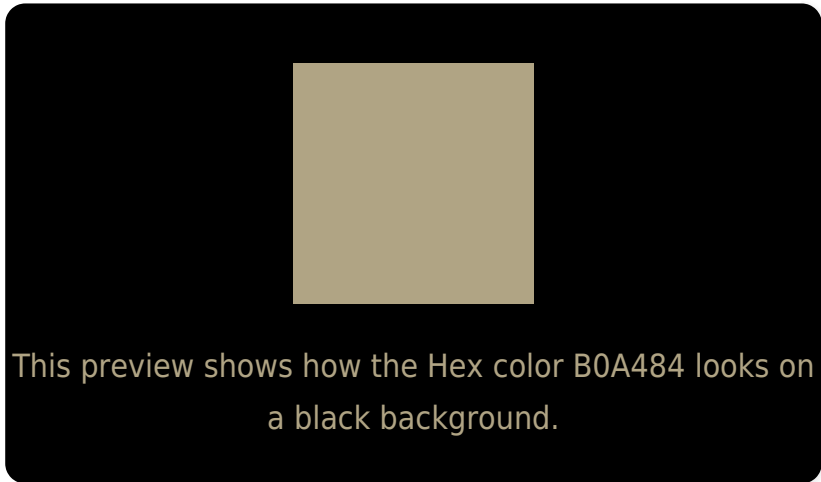
Large Text (above 18pt) WCAG AA × Fail

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

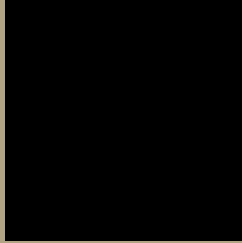
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A484 Background



This preview shows how black text looks on a background with the Hex color B0A484.



This preview shows how white text looks on a background with the Hex color B0A484.

# 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



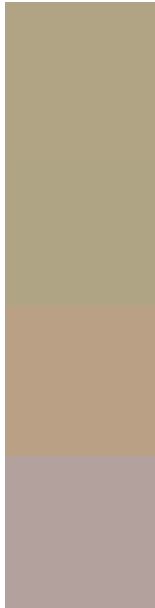
**Original Color**  
B0A484

**Protanopia**  
AFA484

**Deuteranopia**  
BF9E85



# Trichromacy



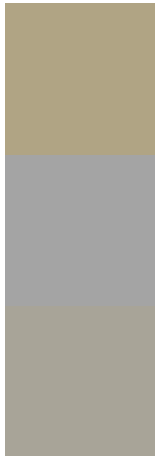
**Original Color**  
B0A484

**Protanomaly**  
AFA484

**Deuteranomaly**  
BAA085

**Tritanomaly**  
B3A19D

# Monochromacy



**Original Color**  
B0A484

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A8A498

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A484 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 #B0A484 looks like.

```
.text, #text, p{  
    color:#B0A484  
}
```

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 #B0A484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A484
}
```

## Border

The CSS property to change the border of an element to Hex B0A484 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
#B0A484 }
```

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

```
.border{ border-color:#B0A484 }
```

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

Here you see how a box with a 4 pixel #B0A484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A484; -webkit-box-shadow:4px 4px  
4px 4px #B0A484; box-shadow:4px 4px 4px  
4px #B0A484 }
```

# Background

The CSS property to change the background color of an element to Hex B0A484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A484 }
```

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

```
.background{ background-color:#B0A484 }
```

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