

# Converting Colors

Hex(B0A96D)

Have a look what the booklet for  
Hex(B0A96D) contains.

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# **Color**

**Hex(B0A96D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A96D
RGB	176, 169, 109
RGB Percent	69%, 66%, 43%
CMY	0.3098, 0.3373, 0.5725
CMYK	0.00, 0.04, 0.38, 0.31
HSL	54°, 30%, 56%
HSV	54°, 38%, 69%
XYZ	34.8528, 38.7102, 20.1029
YIQ	164.2530, 23.4320, -17.1760

# Conversions

## Conversions Part 2

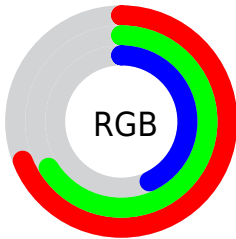
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 176, 109</a>
Decimal	<a href="#">11577709</a>
CIELab	<a href="#">68.54, -6.52, 31.88</a>
CIELCh	<a href="#">69, 32.536, 101.561</a>
Yxy	<a href="#">38.7102, 0.3721, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4289767789 (0xFFB0A96D)</a>
YUV	<a href="#">164.2530, -27.2397, 10.3021</a>
Hunter-Lab	<a href="#">62.2175, -8.8891, 24.3953</a>

# Details

The Hex color **B0A96D** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6D74B0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E9E0A1**, and **7A753C** is the 20% darker color. If you saturate the color by 10%, you get **B0A75B**, and if you desaturate by 10%, it is **B0AB7F**.

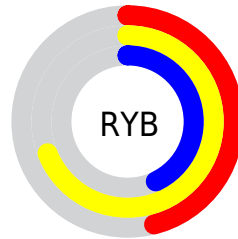
# Distribution



Red (69%)

Green (66%)

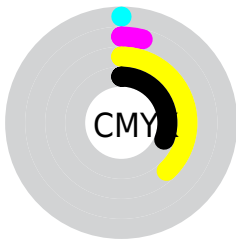
Blue (43%)



Red (46%)

Yellow (69%)

Blue (43%)

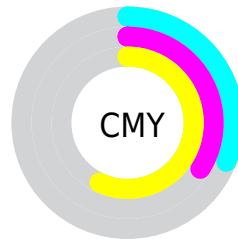


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A96D 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 B0A96D by changing the saturation by 10% instead.



 B0A96D

 B0A96D

FFFFFF

 958F54

 E9E0A1

 7A753C

 FFFDBD

 605D25

 FFFFD8

 48450D

 FFFFF5

 312F00

 181A00

 000000

 B0A96D

 B0A96D

 B0A75B

 B0AB7F

 B0A54A

 B0AD90

 B0A338

 B0AFA2

 B0A227

 B0B0B3

 B0A015

 B0B2C5

 B09E03

 B0B4D7

 B09E00

 B0B6E8

 B0B8FA

 B0BAFF

# Harmonies

## Analogous

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



CB9F70



B0A96D



8FB17A

# Triad

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



B0A96D



43B5CD



D593BA

# Complementary

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



B0A96D



6D74B0

# 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.



B99CD3



B0A96D



63AFDE

# Square

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



B0A96D



4BB7B2



91A6E0



E1919D

# Rectangle

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



B0A96D



78B58A



91A6E0



CE95C4



# Sweetspot

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



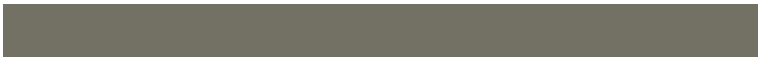
B0A96D



E6E3CC



B06D75



737164



F2F2F2



737373



# Same Dimension

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



B0A96D



E6DA7C



96B06D



595850



998900



1A1700



# Inverse Universe

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



6D74B0



7C87E6



876DB0



505159



001099



00031A



# Previews

## White Background



This preview shows how the Hex color B0A96D looks on a white background.

## Color Contrast Check

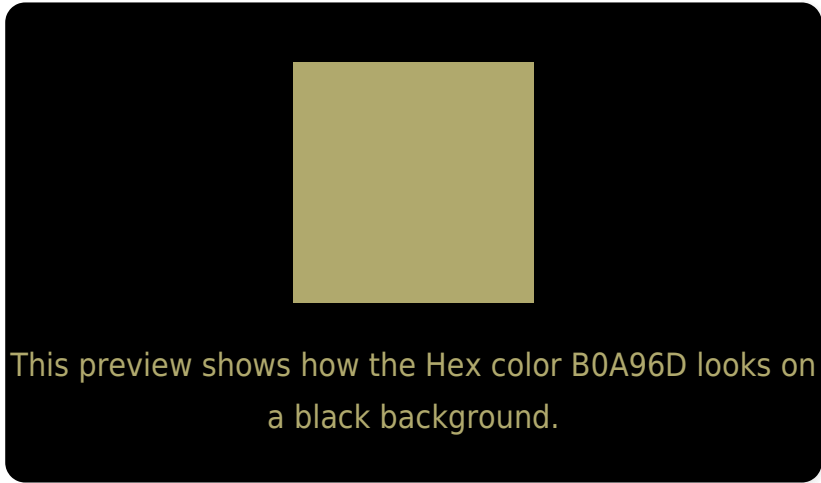
Large Text (above 18pt) WCAG AA × Fail

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

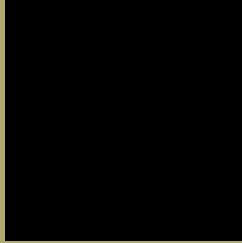
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A96D Background



This preview shows how black text looks on a background with the Hex color B0A96D.



This preview shows how white text looks on a background with the Hex color B0A96D.

# 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**  
B0A96D

**Protanopia**  
B6A76C

**Deuteranopia**  
C8A06F



**Tritanopia**  
B7A1AE

# Trichromacy



**Original Color**  
B0A96D

**Protanomaly**  
B4A86C

**Deuteranomaly**  
BFA36E

**Tritanomaly**  
B4A496

# Monochromacy



**Original Color**  
B0A96D

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A8A690

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A96D 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 #B0A96D looks like.

```
.text, #text, p{  
    color:#B0A96D  
}
```

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 #B0A96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A96D
}
```

## Border

The CSS property to change the border of an element to Hex B0A96D 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
#B0A96D }
```

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

```
.border{ border-color:#B0A96D }
```

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

Here you see how a box with a 4 pixel #B0A96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A96D; -webkit-box-shadow:4px 4px  
4px 4px #B0A96D; box-shadow:4px 4px 4px  
4px #B0A96D }
```

# Background

The CSS property to change the background color of an element to Hex B0A96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A96D }
```

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

```
.background{ background-color:#B0A96D }
```

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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