

# Converting Colors

Hex(B0A265)

Have a look what the booklet for  
Hex(B0A265) contains.

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# **Color**

**Hex(B0A265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A265
RGB	176, 162, 101
RGB Percent	69%, 64%, 40%
CMY	0.3098, 0.3647, 0.6039
CMYK	0.00, 0.08, 0.43, 0.31
HSL	49°, 32%, 54%
HSV	49°, 43%, 69%
XYZ	33.1738, 36.0104, 17.5142
YIQ	159.2320, 27.9250, -16.0030

# Conversions

## Conversions Part 2

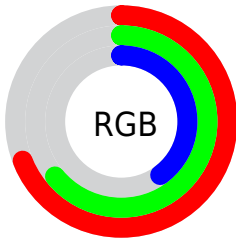
Format	Color
<a href="#">RYB</a>	<a href="#">118, 176, 101</a>
Decimal	<a href="#">11575909</a>
CIELab	<a href="#">66.53, -3.69, 33.52</a>
CIELCh	<a href="#">67, 33.722, 96.275</a>
Yxy	<a href="#">36.0104, 0.3826, 0.4154</a>
Android (android.graphics.Color)	<a href="#">4289765989</a> ( <a href="#">0xFFB0A265</a> )
YUV	<a href="#">159.2320, -28.7084, 14.7055</a>
Hunter-Lab	<a href="#">60.0086, -6.3373, 24.7016</a>

# Details

The Hex color **B0A265** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6573B0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E9D999**, and **7A6F35** is the 20% darker color. If you saturate the color by 10%, you get **B09F53**, and if you desaturate by 10%, it is **B0A577**.

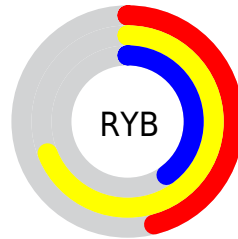
# Distribution



Red (69%)

Green (64%)

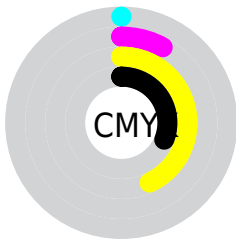
Blue (40%)



Red (46%)

Yellow (69%)

Blue (40%)

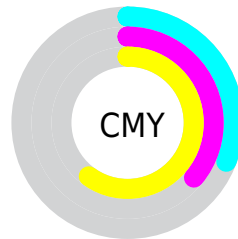


Cyan (0%)

Magenta (8%)

Yellow (43%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A265 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 B0A265 by changing the saturation by 10% instead.



 B0A265

 B0A265

FFFFFF

 95884C

 E9D999

 7A6F35

 FFF5B4

 60561D

 FFFFFD0

 473F05

 FFFFEC

 2F2900

 161600

 000000

 B0A265


 B0A265

 B09F53

 B0A577

 B09B42


 B0A988

 B09830

 B0AC9A

 B0951F

 B0AFAB

 B0920D

 B0B2BD

 B08F00

 B0B6CF

 B0B9E0

 B0BCF2

 B0C0FF

# Harmonies

## Analogous

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



CA986B



B0A265



8FAB70

# Triad

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



B0A265



31B1C5



CD8EBB

# Complementary

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



B0A265



6573B0

# 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.



AE98D3



B0A265



50ABD9

# Square

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



B0A265



45B2A7



82A3DE



DC8A9C

# Rectangle

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



B0A265



77AF7F



82A3DE



C591C4

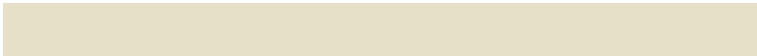


# Sweetspot

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



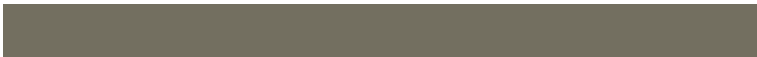
B0A265



E6E0C8



B06574



736F60



F2F2F2



737373



# Same Dimension

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



B0A265



E6D070



9AB065



595850



997C00



1A1500



# Inverse Universe

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



6573B0



7086E6



7B65B0



505259



001D99



00051A



# Previews

## White Background



This preview shows how the Hex color B0A265 looks on a white background.

## Color Contrast Check

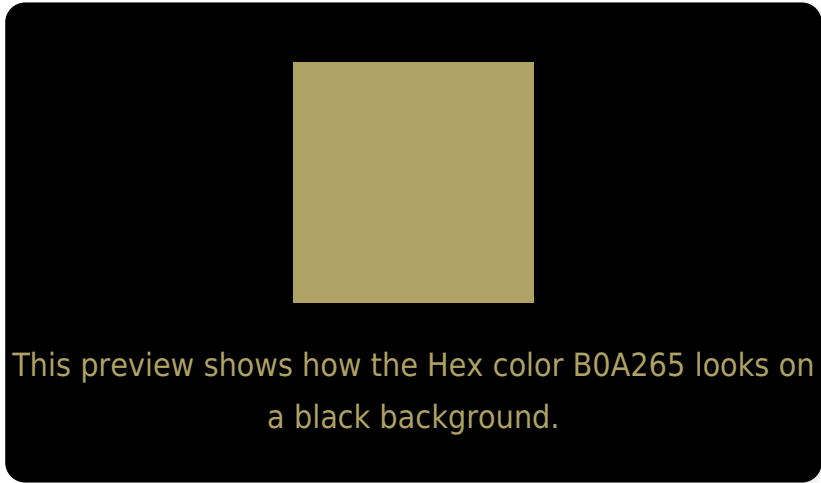
Large Text (above 18pt) WCAG AA × Fail

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

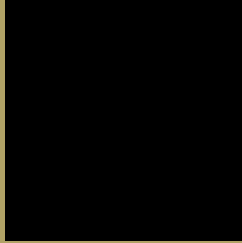
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A265 Background



This preview shows how black text looks on a background with the Hex color B0A265.

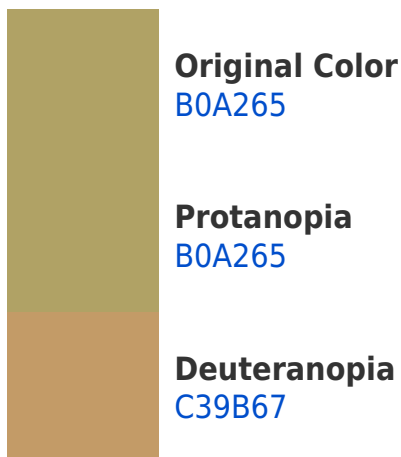


This preview shows how white text looks on a background with the Hex color B0A265.

# 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](#).

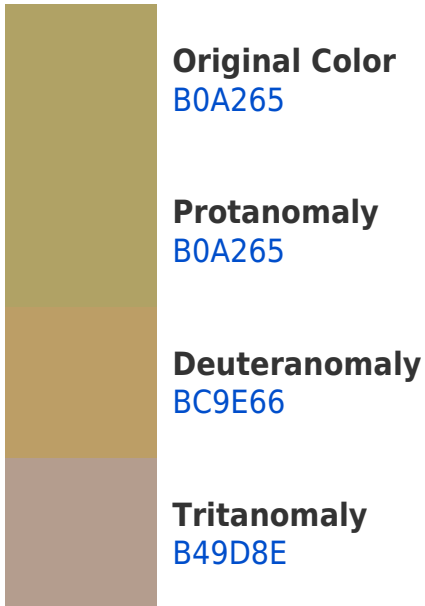
## Dichromacy



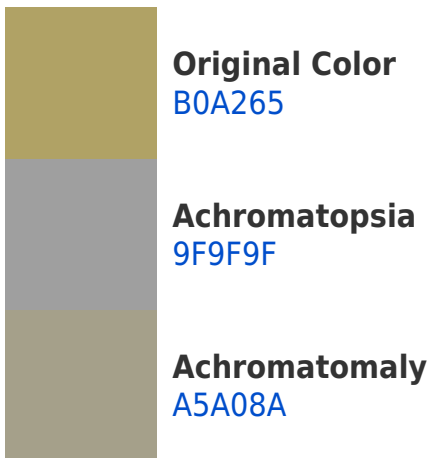


**Tritanopia**  
B79AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A265 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 #B0A265 looks like.

```
.text, #text, p{  
    color:#B0A265  
}
```

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 #B0A265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A265
}
```

## Border

The CSS property to change the border of an element to Hex B0A265 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
#B0A265 }
```

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

```
.border{ border-color:#B0A265 }
```

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

Here you see how a box with a 4 pixel #B0A265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A265; -webkit-box-shadow:4px 4px  
4px 4px #B0A265; box-shadow:4px 4px 4px  
4px #B0A265 }
```

# Background

The CSS property to change the background color of an element to Hex B0A265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A265 }
```

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

```
.background{ background-color:#B0A265 }
```

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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