

# Converting Colors

Hex(B0A651)

Have a look what the booklet for  
Hex(B0A651) contains.

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# **Color**

**Hex(B0A651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A651
RGB	176, 166, 81
RGB Percent	69%, 65%, 32%
CMY	0.3098, 0.3490, 0.6824
CMYK	0.00, 0.06, 0.54, 0.31
HSL	54°, 38%, 50%
HSV	54°, 54%, 69%
XYZ	33.0259, 37.0966, 13.2043
YIQ	159.3000, 33.2450, -24.3150

# Conversions

## Conversions Part 2

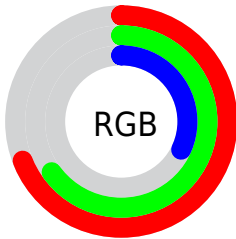
Format	Color
<a href="#">RYB</a>	<a href="#">92, 176, 81</a>
Decimal	<a href="#">11576913</a>
CIELab	<a href="#">67.35, -7.75, 44.71</a>
CIELCh	<a href="#">67, 45.377, 99.835</a>
Yxy	<a href="#">37.0966, 0.3963, 0.4452</a>
Android (android.graphics.Color)	<a href="#">4289766993 (0xFFB0A651)</a>
YUV	<a href="#">159.3000, -38.6019, 14.6459</a>
Hunter-Lab	<a href="#">60.9070, -9.7983, 29.7812</a>

# Details

The Hex color **B0A651** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **515BB0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E9DD85**, and **79721E** is the 20% darker color. If you saturate the color by 10%, you get **B0A43F**, and if you desaturate by 10%, it is **B0A863**.

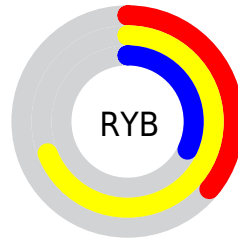
# Distribution



Red (69%)

Green (65%)

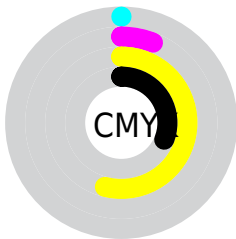
Blue (32%)



Red (36%)

Yellow (69%)

Blue (32%)

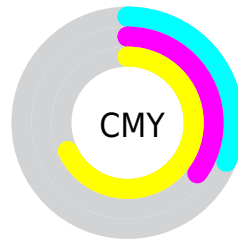


Cyan (0%)

Magenta (6%)

Yellow (54%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A651 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 B0A651 by changing the saturation by 10% instead.





B0A651



B0A651

FFFFFF



948C38



E9DD85



79721E



FFF9A0



5F5A00



FFFFBB



464300



FFFFD7



2C2D00



FFFFF4



131900



000000



B0A651



B0A651



B0A43F



B0A863

 B0A22E


 B0AA74

 B0A01C

 B0AC86

 B09F0B

 B0AD97

 B09D00

 B0AFA9

 B0B1BB

 B0B3CC

 B0B5DE

 B0B7EF

# Harmonies

## Analogous

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



D49857



B0A651



84B163

# Triad

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



B0A651



00B7D7



E187C1

# Complementary

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



B0A651



515BB0

# 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.



B994E3



B0A651



00B0F0

# Square

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



B0A651



00B9B1



7AA4F4



F18298

# Rectangle

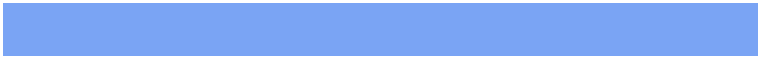
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0A651



60B579



7AA4F4



D68ACE



# Sweetspot

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



B0A651



E6E2C1



B0515C



73705D



F2F2F2



737373



# Same Dimension

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



B0A651



E6D650



8CB051



595850



998900



1A1700



# Inverse Universe

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



515BB0



5060E6



7551B0



505159



001099



00031A



# Previews

## White Background



This preview shows how the Hex color B0A651 looks on a white background.

## Color Contrast Check

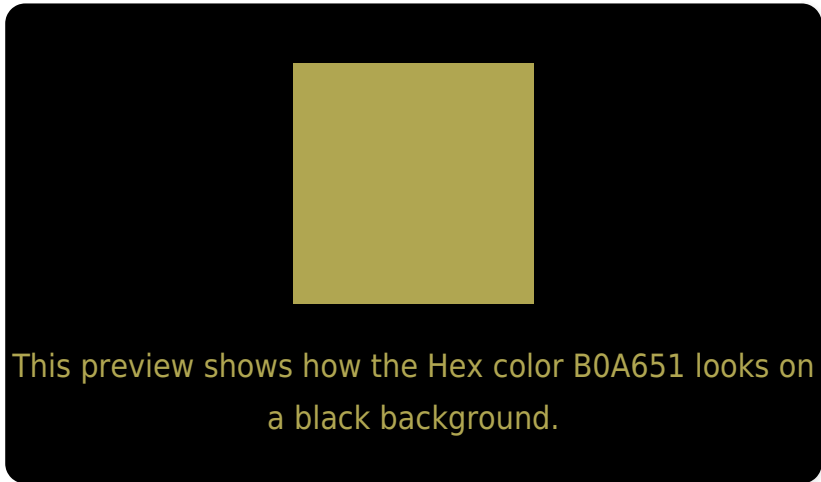
Large Text (above 18pt) WCAG AA × Fail

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

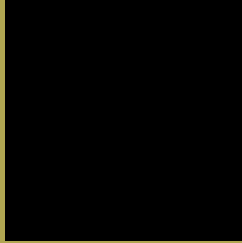
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A651 Background



This preview shows how black text looks on a background with the Hex color B0A651.



This preview shows how white text looks on a background with the Hex color B0A651.

# 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**  
B0A651

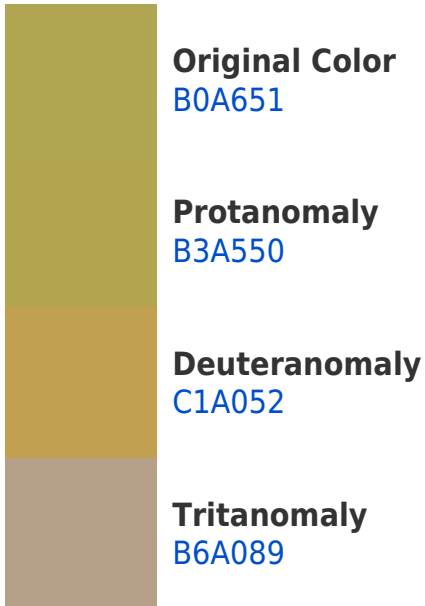
**Protanopia**  
B5A450

**Deuteranopia**  
CA9C53

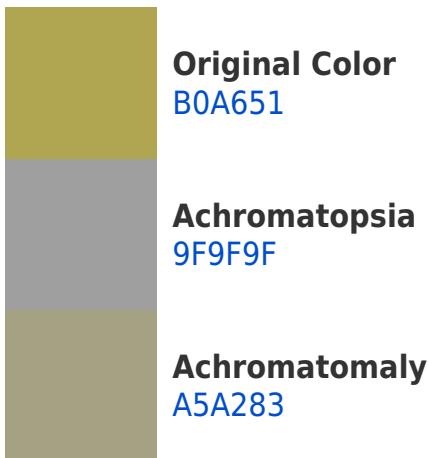


**Tritanopia**  
B99CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A651 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 #B0A651 looks like.

```
.text, #text, p{  
    color:#B0A651  
}
```

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 #B0A651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A651
}
```

## Border

The CSS property to change the border of an element to Hex B0A651 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
#B0A651 }
```

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

```
.border{ border-color:#B0A651 }
```

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

Here you see how a box with a 4 pixel #B0A651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A651; -webkit-box-shadow:4px 4px  
4px 4px #B0A651; box-shadow:4px 4px 4px  
4px #B0A651 }
```

# Background

The CSS property to change the background color of an element to Hex B0A651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A651 }
```

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

```
.background{ background-color:#B0A651 }
```

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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