

# Converting Colors

Hex(B09A55)

Have a look what the booklet for  
Hex(B09A55) contains.

<b>Hex(B09A55)</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(B09A55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09A55
RGB	176, 154, 85
RGB Percent	69%, 60%, 33%
CMY	0.3098, 0.3961, 0.6667
CMYK	0.00, 0.13, 0.52, 0.31
HSL	45°, 37%, 51%
HSV	45°, 52%, 69%
XYZ	31.0998, 32.9972, 13.3243
YIQ	152.7120, 35.2610, -16.7950

# Conversions

## Conversions Part 2

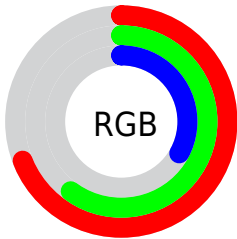
Format	Color
<a href="#">RYB</a>	<a href="#">114, 176, 85</a>
Decimal	<a href="#">11573845</a>
CIELab	<a href="#">64.16, -0.97, 38.91</a>
CIELCh	<a href="#">64, 38.922, 91.426</a>
Yxy	<a href="#">32.9972, 0.4017, 0.4262</a>
Android (android.graphics.Color)	<a href="#">4289763925 (0xFFB09A55)</a>
YUV	<a href="#">152.7120, -33.3820, 20.4236</a>
Hunter-Lab	<a href="#">57.4432, -3.8855, 26.4576</a>

# Details

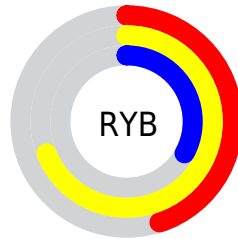
The Hex color **B09A55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **556BB0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E9D088**, and **796724** is the 20% darker color. If you saturate the color by 10%, you get **B09643**, and if you desaturate by 10%, it is **B09E67**.

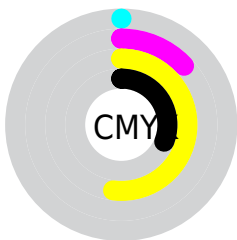
# Distribution



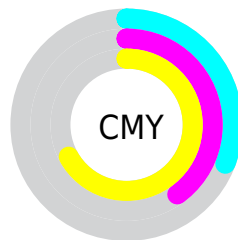
- Red (69%)
- Green (60%)
- Blue (33%)



- Red (45%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (52%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09A55 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 B09A55 by changing the saturation by 10% instead.



 B09A55

 B09A55

FFFFFF

 94803D

 E9D088

 796724

 FFECA3

 5F4F0B

 FFFFBE

 463900

 FFFFDA

 2D2300

 FFFFF7

 130F00

 000000

 B09A55

 B09A55

 B09643


 B09E67

 B09132

 B0A378

 B08D20

 B0A78A

 B0890F

 B0AB9B

 B08500

 B0AFAD

 B0B4BF

 B0B8D0

 B0BCE2

 B0C0F3

# Harmonies

## Analogous

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



CC8E5F



B09A55



8CA45F

# Triad

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



B09A55



00ADB5



C886BD

# Complementary

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



B09A55



556BB0

# 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.



A192D7



B09A55



12A8D8

# Square

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



B09A55



27AE9C



699EE1



DC809B

# Rectangle

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



B09A55



70A96F



699EE1



BD89C7



# Sweetspot

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



B09A55



E6DDC1



B0556C



736D5D



F2F2F2



737373



# Same Dimension

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



B09A55



E6C357



99B055



595750



997400



1A1300



# Inverse Universe

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



556BB0



577AE6



6C55B0



505259



002599



00061A



# Previews

## White Background



This preview shows how the Hex color B09A55 looks on a white background.

## Color Contrast Check

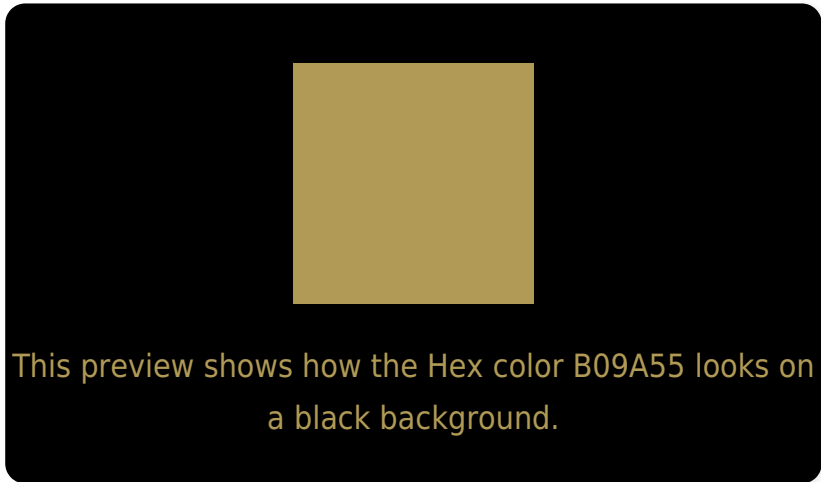
Large Text (above 18pt) WCAG AA × Fail

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

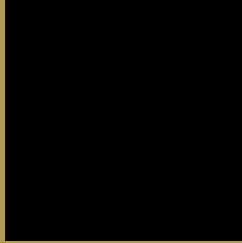
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09A55 Background



This preview shows how black text looks on a background with the Hex color B09A55.



This preview shows how white text looks on a background with the Hex color B09A55.

# 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**  
B09A55

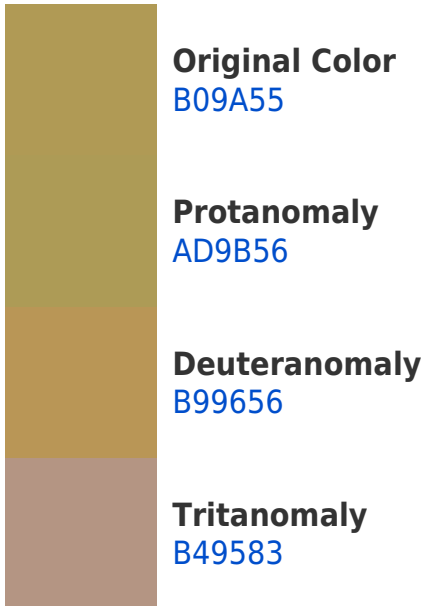
**Protanopia**  
AB9C56

**Deuteranopia**  
BE9456

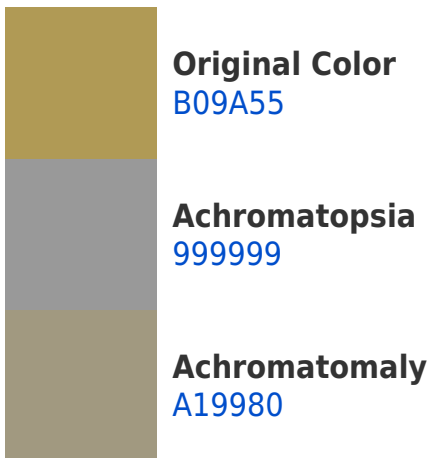


**Tritanopia**  
B7929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09A55 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 #B09A55 looks like.

```
.text, #text, p{  
    color:#B09A55  
}
```

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 #B09A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09A55
}
```

## Border

The CSS property to change the border of an element to Hex B09A55 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
#B09A55 }
```

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

```
.border{ border-color:#B09A55 }
```

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

Here you see how a box with a 4 pixel #B09A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09A55; -webkit-box-shadow:4px 4px  
4px 4px #B09A55; box-shadow:4px 4px 4px  
4px #B09A55 }
```

# Background

The CSS property to change the background color of an element to Hex B09A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09A55 }
```

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

```
.background{ background-color:#B09A55 }
```

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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