

# Converting Colors

Hex(B09C75)

Have a look what the booklet for  
Hex(B09C75) contains.

<b>Hex(B09C75)</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(B09C75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09C75
RGB	176, 156, 117
RGB Percent	69%, 61%, 46%
CMY	0.3098, 0.3882, 0.5412
CMYK	0.00, 0.11, 0.34, 0.31
HSL	40°, 27%, 57%
HSV	40°, 34%, 69%
XYZ	33.0038, 34.2914, 21.7090
YIQ	157.5340, 24.4390, -7.8890

# Conversions

## Conversions Part 2

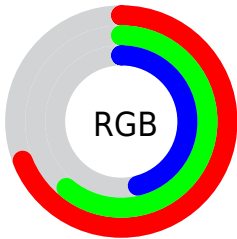
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 176, 117</a>
Decimal	<a href="#">11574389</a>
CIELab	<a href="#">65.19, 1.46, 23.15</a>
CIELCh	<a href="#">65, 23.195, 86.380</a>
Yxy	<a href="#">34.2914, 0.3708, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4289764469 (0xFFB09C75)</a>
YUV	<a href="#">157.5340, -19.9833, 16.1947</a>
Hunter-Lab	<a href="#">58.5589, -1.8752, 19.0111</a>

# Details

The Hex color **B09C75** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7589B0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E8D2A9**, and **7A6944** is the 20% darker color. If you saturate the color by 10%, you get **B09663**, and if you desaturate by 10%, it is **B0A287**.

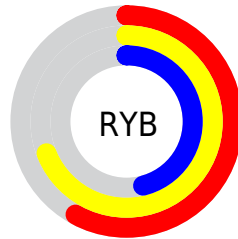
# Distribution



Red (69%)

Green (61%)

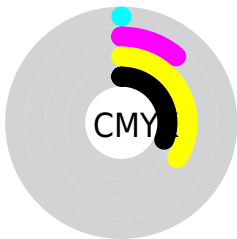
Blue (46%)



Red (58%)

Yellow (69%)

Blue (46%)

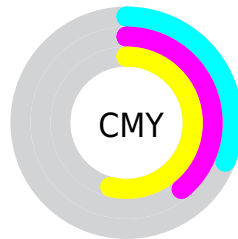


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09C75 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 B09C75 by changing the saturation by 10% instead.





B09C75



B09C75

FFFFFF



95825C



E8D2A9



7A6944



FFEFC5



61512E



FFFFE1



483A18

FFFFFFD



312400



1A1000



000000



B09C75




B09C75



B09663



B0A287

 B09052

 B0A898

 B08A40

 B0AEAA

 B0842F

 B0B4BB

 B07E1D

 B0BACD

 B0780B

 B0C0DF

 B07400

 B0C6F0

 B0CCFF

 B0D2FF

# Harmonies

## Analogous

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



C1957C



B09C75



9AA379

# Triad

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



B09C75



62AAB0



B793B5

# Complementary

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



B09C75



7589B0

# 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.



9E9AC3



B09C75



69A6C0

# Square

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



B09C75



6DAA9B



81A1C7



C58FA2

# Rectangle

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



B09C75



8AA681



81A1C7



AF95BB

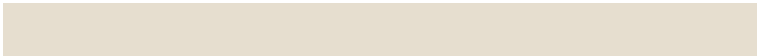


# Sweetspot

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



B09C75



E6DECF



B0758A



736E65



F2F2F2



737373



# Same Dimension

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



B09C75



E6C68A



A7B075



595650



996500



1A1100



# Inverse Universe

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



7589B0



8AA9E6



7E75B0



505359



003499



00091A



# Previews

## White Background



This preview shows how the Hex color B09C75 looks on a white background.

## Color Contrast Check

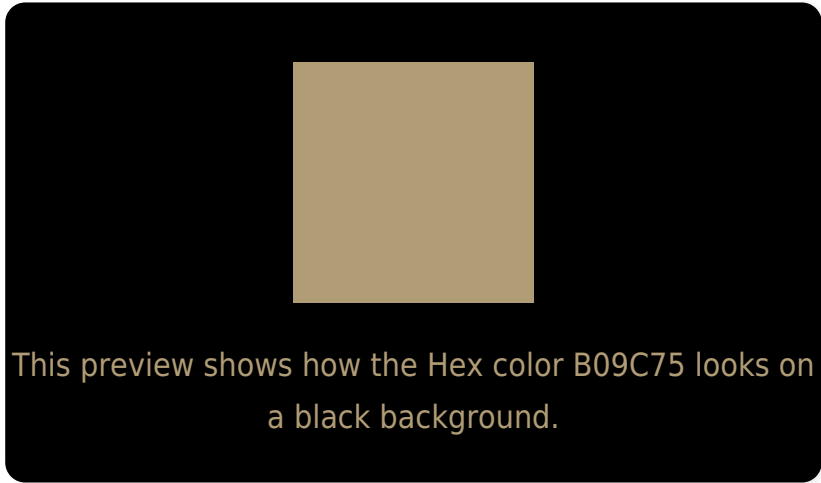
Large Text (above 18pt) WCAG AA × Fail

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

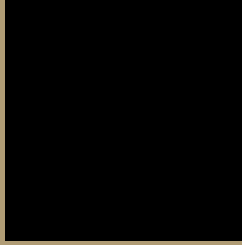
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09C75 Background



This preview shows how black text looks on a background with the Hex color B09C75.

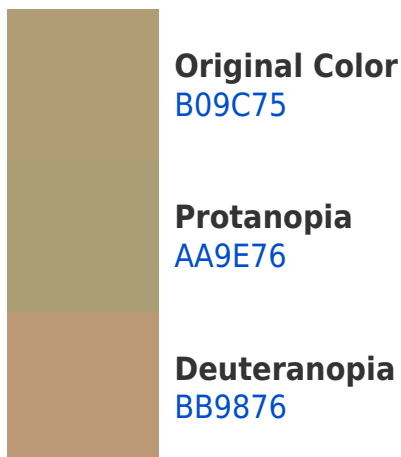


This preview shows how white text looks on a background with the Hex color B09C75.

# 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**  
B596A2

# Trichromacy



**Original Color**  
B09C75

**Protanomaly**  
AC9D76

**Deuteranomaly**  
B79976

**Tritanomaly**  
B39892

# Monochromacy



**Original Color**  
B09C75

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A59D8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09C75 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 #B09C75 looks like.

```
.text, #text, p{  
    color:#B09C75  
}
```

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 #B09C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09C75
}
```

## Border

The CSS property to change the border of an element to Hex B09C75 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
#B09C75 }
```

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

```
.border{ border-color:#B09C75 }
```

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

Here you see how a box with a 4 pixel #B09C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09C75; -webkit-box-shadow:4px 4px  
4px 4px #B09C75; box-shadow:4px 4px 4px  
4px #B09C75 }
```

# Background

The CSS property to change the background color of an element to Hex B09C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09C75 }
```

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

```
.background{ background-color:#B09C75 }
```

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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