

# Converting Colors

Hex(B97A59)

Have a look what the booklet for  
Hex(B97A59) contains.

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**Color**

**Hex(B97A59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B97A59</a>
RGB	<a href="#">185, 122, 89</a>
RGB Percent	<a href="#">73%, 48%, 35%</a>
CMY	<a href="#">0.2745, 0.5216, 0.6510</a>
CMYK	<a href="#">0.00, 0.34, 0.52, 0.27</a>
HSL	<a href="#">21°, 41%, 54%</a>
HSV	<a href="#">21°, 52%, 73%</a>
XYZ	<a href="#">28.7703, 24.9546, 12.7516</a>
YIQ	<a href="#">137.0750, 48.1410, 3.0930</a>

# Conversions

## Conversions Part 2

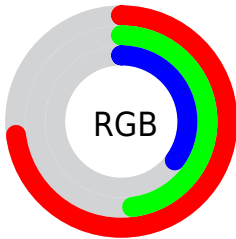
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 139, 89
Decimal	12155481
CIE Lab	57.03, 20.93, 28.07
CIE LCh	57, 35.008, 53.290
Yxy	24.9546, 0.4328, 0.3754
Android (android.graphics.Color)	4290345561 (0xFFB97A59)
YUV	137.0750, -23.7010, 42.0302
Hunter-Lab	49.9546, 15.3827, 19.8337

# Details

The Hex color **B97A59** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5998B9**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **F4AF8B**, and **81492B** is the 20% darker color. If you saturate the color by 10%, you get **B96E46**, and if you desaturate by 10%, it is **B9866B**.

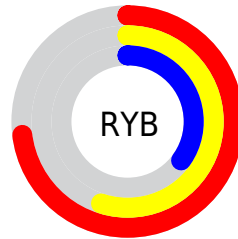
# Distribution



Red (73%)

Green (48%)

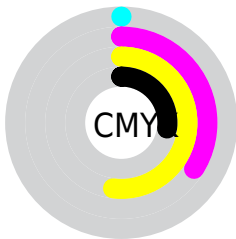
Blue (35%)



Red (73%)

Yellow (55%)

Blue (35%)

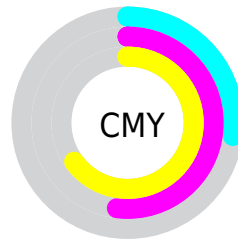


Cyan (0%)

Magenta (34%)

Yellow (52%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B97A59 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 B97A59 by changing the saturation by 10% instead.



 B97A59

 B97A59

FFFFFF

 9D6141

 F4AF8B

 81492B

 FFCAA6

 663215

 FFE6C1

 4C1B00

 FFFFDD

 310600

 FFFFFA

 130000

 000000

 B97A59

 B97A59

 B96E46

 B9866B

 B96234

 B9927E

 B95621

 B99E91

 B9490F

 B9ABA3

 B94000

 B9B7B5

 B9C3C8

 B9CFDB

 B9DBED

 B9E7FF

# Harmonies

## Analogous

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



C47272



B97A59



A3854C

# Triad

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



B97A59



349981



8284C1

# Complementary

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



B97A59



5998B9

# 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.



4D8EC5



B97A59



0099A0

# Square

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



B97A59



619563



0095B9



A978AE

# Rectangle

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



B97A59



8F8B4C



0095B9



7287C4



# Sweetspot

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



B97A59



F0D7C9



B95999



786961



F7F7F7



787878



# Same Dimension

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



B97A59



F08E5B



B9A959



5C5653



9C3500



1C0A00



# Inverse Universe

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



5998B9



5BBDF0



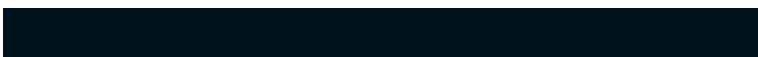
5969B9



53595C



00669C



00121C



# Previews

## White Background



This preview shows how the Hex color B97A59 looks on a white background.

## Color Contrast Check

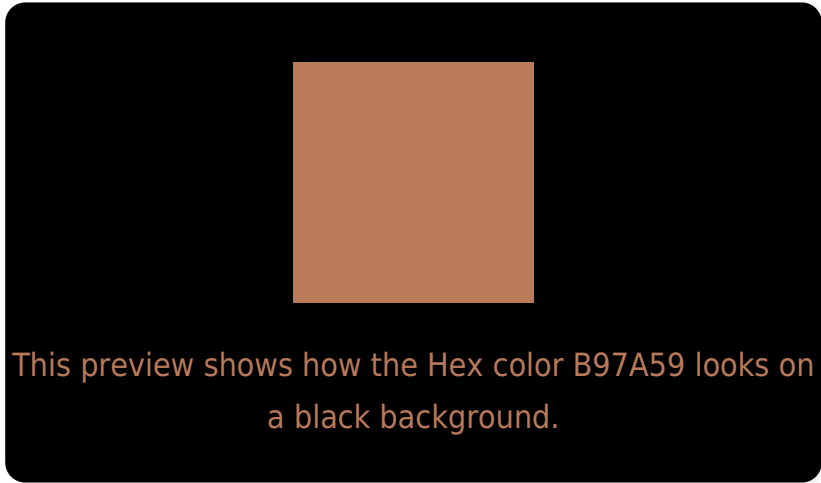
Large Text (above 18pt) WCAG AA ✓ Pass

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

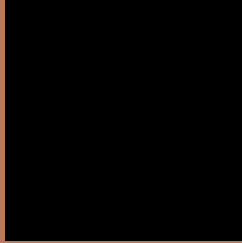
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B97A59 Background



This preview shows how black text looks on a background with the Hex color B97A59.



This preview shows how white text looks on a background with the Hex color B97A59.

# 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**  
B97A59

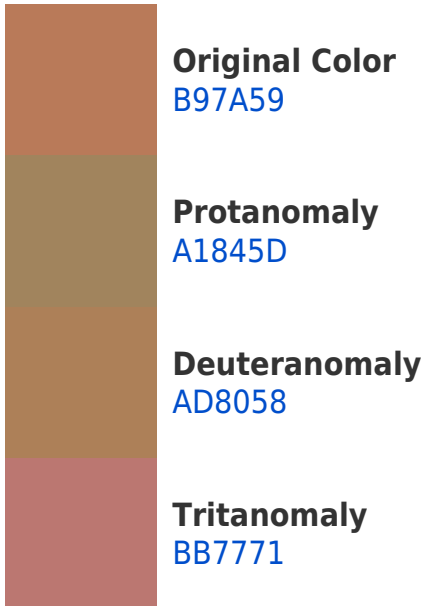
**Protanopia**  
94895F

**Deuteranopia**  
A68357

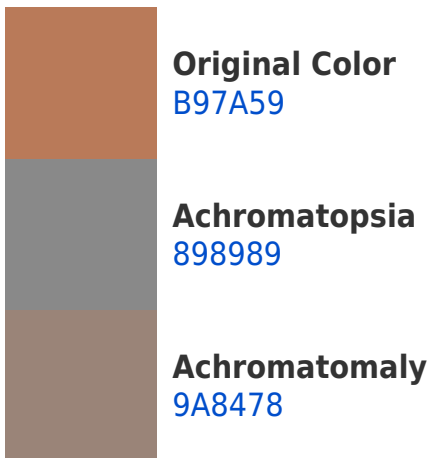


**Tritanopia**  
BC757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B97A59 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 #B97A59 looks like.

```
.text, #text, p{  
    color:#B97A59  
}
```

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 #B97A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97A59
}
```

## Border

The CSS property to change the border of an element to Hex B97A59 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
#B97A59 }
```

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

```
.border{ border-color:#B97A59 }
```

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

Here you see how a box with a 4 pixel #B97A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97A59; -webkit-box-shadow:4px 4px  
4px 4px #B97A59; box-shadow:4px 4px 4px  
4px #B97A59 }
```

# Background

The CSS property to change the background color of an element to Hex B97A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97A59 }
```

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

```
.background{ background-color:#B97A59 }
```

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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