

# Converting Colors

Hex(B97D57)

Have a look what the booklet for  
Hex(B97D57) contains.

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# Color

Hex(**B97D57**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B97D57
RGB	185, 125, 87
RGB Percent	73%, 49%, 34%
CMY	0.2745, 0.5098, 0.6588
CMYK	0.00, 0.32, 0.53, 0.27
HSL	23°, 41%, 53%
HSV	23°, 53%, 73%
XYZ	29.0615, 25.6696, 12.4399
YIQ	138.6080, 47.9580, 0.9020

# Conversions

## Conversions Part 2

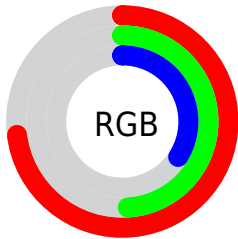
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 149, 87
Decimal	12156247
CIE <sub>Lab</sub>	57.72, 19.08, 30.06
CIE <sub>LCh</sub>	58, 35.603, 57.600
Yxy	25.6696, 0.4326, 0.3822
Android (android.graphics.Color)	4290346327 (0xFFB97D57)
YUV	138.6080, -25.4427, 40.6858
Hunter-Lab	50.6652, 13.7232, 20.9081

# Details

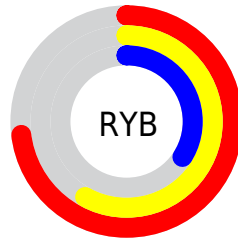
The Hex color **B97D57** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5793B9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F4B289**, and **814C28** is the 20% darker color. If you saturate the color by 10%, you get **B97245**, and if you desaturate by 10%, it is **B9886A**.

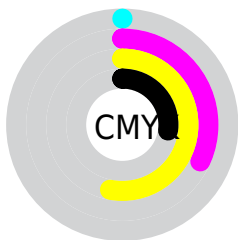
# Distribution



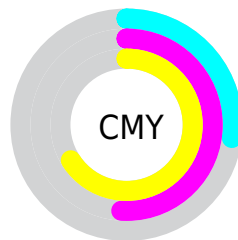
- Red (73%)
- Green (49%)
- Blue (34%)



- Red (73%)
- Yellow (58%)
- Blue (34%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (27%)



- Cyan (27%)
- Magenta (51%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B97D57 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 B97D57 by changing the saturation by 10% instead.



 B97D57

 B97D57

FFFFFF

 9D643F

 F4B289

 814C28

 FFCDA4

 663512

 FFEABF

 4C1F00

 FFFFDB

 310900

 FFFFF8

 150000

 000000

 B97D57

 B97D57

 B97245

 B9886A

 B96632

 B9947C

 B95B20

 B99F8F

 B9500D

 B9AAA1

 B94800

 B9B6B4

 B9C1C6

 B9CCD9

 B9D8EB

 B9E3FD

# Harmonies

## Analogous

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



C6746F



B97D57



A1884C

# Triad

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



B97D57



2B9B87



8A84C2

# Complementary

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



B97D57



5793B9

# 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.



568FC8



B97D57



009BA6

# Square

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



B97D57



5C9868



0096BE



AF78AC

# Rectangle

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



B97D57



8C8F4E



0096BE



7A87C6



# Sweetspot

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



B97D57



F0D8C9



B95793



786A61



F7F7F7



787878



# Same Dimension

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



B97D57



F09256



B9AE57



5C5653



9C3C00



1C0B00



# Inverse Universe

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



5793B9



56B4F0



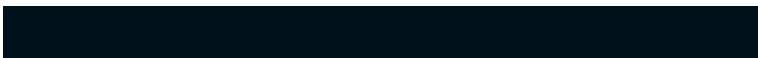
5762B9



53585C



005F9C



00111C



# Previews

## White Background



This preview shows how the Hex color B97D57 looks on a white background.

## Color Contrast Check

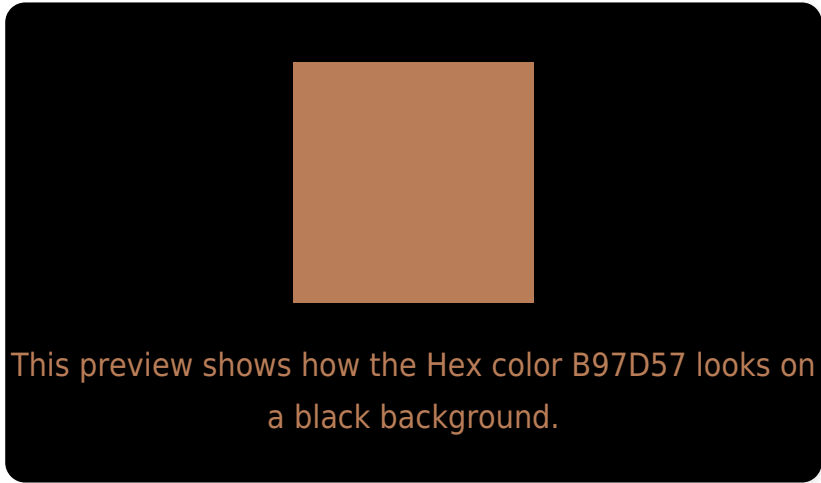
Large Text (above 18pt) WCAG AA ✓ Pass

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

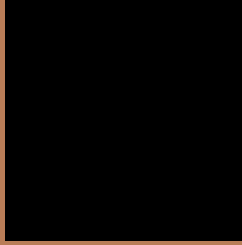
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B97D57 Background



This preview shows how black text looks on a background with the Hex color B97D57.



This preview shows how white text looks on a background with the Hex color B97D57.

# 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**  
B97D57

**Protanopia**  
978B5D

**Deuteranopia**  
A88555



**Tritanopia**  
BC7881

# Trichromacy



**Original Color**  
B97D57

**Protanomaly**  
A3865B

**Deuteranomaly**  
AE8256

**Tritanomaly**  
BB7A72

# Monochromacy



**Original Color**  
B97D57

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
9C8678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B97D57 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 #B97D57 looks like.

```
.text, #text, p{  
    color:#B97D57  
}
```

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 #B97D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97D57
}
```

## Border

The CSS property to change the border of an element to Hex B97D57 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
#B97D57 }
```

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

```
.border{ border-color:#B97D57 }
```

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

Here you see how a box with a 4 pixel #B97D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97D57; -webkit-box-shadow:4px 4px  
4px 4px #B97D57; box-shadow:4px 4px 4px  
4px #B97D57 }
```

# Background

The CSS property to change the background color of an element to Hex B97D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97D57 }
```

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

```
.background{ background-color:#B97D57 }
```

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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