

# Converting Colors

Hex(B9945E)

Have a look what the booklet for  
Hex(B9945E) contains.

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# **Color**

**Hex(B9945E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9945E
RGB	185, 148, 94
RGB Percent	73%, 58%, 37%
CMY	0.2745, 0.4196, 0.6314
CMYK	0.00, 0.20, 0.49, 0.27
HSL	36°, 39%, 55%
HSV	36°, 49%, 73%
XYZ	32.6179, 32.3022, 15.1055
YIQ	152.9070, 39.3860, -8.9500

# Conversions

## Conversions Part 2

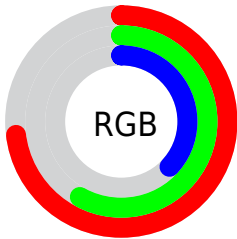
Format	Color
<a href="#">RYB</a>	<a href="#">156, 185, 94</a>
Decimal	<a href="#">12162142</a>
CIELab	<a href="#">63.59, 6.99, 33.69</a>
CIElCh	<a href="#">64, 34.410, 78.277</a>
Yxy	<a href="#">32.3022, 0.4076, 0.4036</a>
Android (android.graphics.Color)	<a href="#">4290352222 (0xFFB9945E)</a>
YUV	<a href="#">152.9070, -29.0412, 28.1456</a>
Hunter-Lab	<a href="#">56.8351, 2.9805, 24.0266</a>

# Details

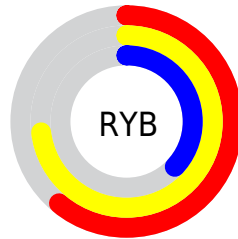
The Hex color **B9945E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5E83B9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F3CA91**, and **82622E** is the 20% darker color. If you saturate the color by 10%, you get **B98C4C**, and if you desaturate by 10%, it is **B99C71**.

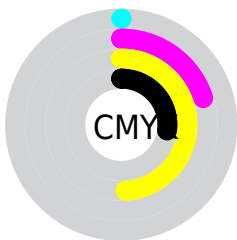
# Distribution



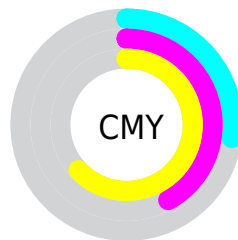
- Red (73%)
- Green (58%)
- Blue (37%)



- Red (61%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9945E 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 B9945E by changing the saturation by 10% instead.



 B9945E

 B9945E

FFFFFF

 9D7A46

 F3CA91

 82622E

 FFE6AC

 674A17

 FFFFC8

 4D3300

 FFFFE4

 341E00

 1C0700

 000000

 B9945E

 B9945E

 B98C4C

 B99C71

 B98539

 B9A383

 B97D27

 B9AB96

 B97614

 B9B2A8

 B96E01

 B9BABB

 B96E00

 B9C1CD

 B9C9E0

 B9D0F2

 B9D8FF

# Harmonies

## Analogous

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



CE8A6E



B9945E



9B9E5F

# Triad

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



B9945E



27AAAC



B58BC3

# Complementary

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



B9945E



5E83B9

# 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.



8C96D4



B9945E



25A7C7

# Square

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



B9945E



51AA8D



59A1D5



CE84A7

# Rectangle

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



B9945E



85A369



59A1D5



A98FCA

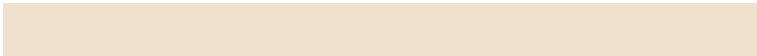


# Sweetspot

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



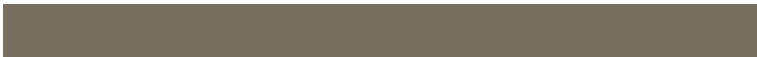
B9945E



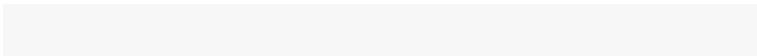
F0E1CC



B95E84



786F62



F7F7F7



787878



# Same Dimension

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



B9945E



F0B662



B1B95E



5C5853



9C5C00



1C1100



# Inverse Universe

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



5E83B9



629CF0



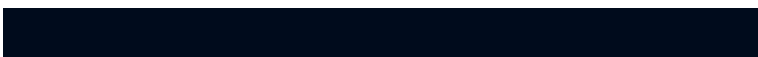
665EB9



53565C



003F9C

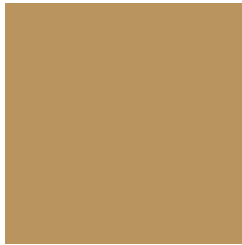


000B1C



# Previews

## White Background



This preview shows how the Hex color B9945E 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

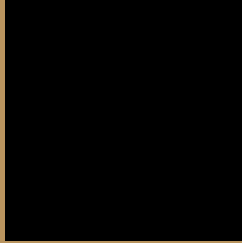
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9945E Background



This preview shows how black text looks on a background with the Hex color B9945E.



This preview shows how white text looks on a background with the Hex color B9945E.

# 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



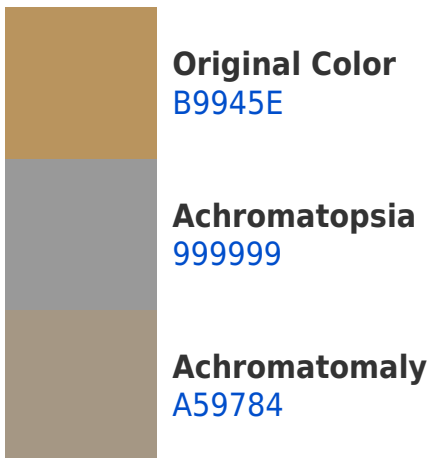


**Tritanopia**  
BE8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9945E 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 #B9945E looks like.

```
.text, #text, p{  
    color:#B9945E  
}
```

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 #B9945E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9945E
}
```

## Border

The CSS property to change the border of an element to Hex B9945E 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
#B9945E }
```

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

```
.border{ border-color:#B9945E }
```

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

Here you see how a box with a 4 pixel #B9945E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9945E; -webkit-box-shadow:4px 4px  
4px 4px #B9945E; box-shadow:4px 4px 4px  
4px #B9945E }
```

# Background

The CSS property to change the background color of an element to Hex B9945E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9945E }
```

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

```
.background{ background-color:#B9945E }
```

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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