

# Converting Colors

Hex(B7984E)

Have a look what the booklet for  
Hex(B7984E) contains.

<b>Hex(B7984E)</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(B7984E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7984E
RGB	183, 152, 78
RGB Percent	72%, 60%, 31%
CMY	0.2824, 0.4039, 0.6941
CMYK	0.00, 0.17, 0.57, 0.28
HSL	42°, 42%, 51%
HSV	42°, 57%, 72%
XYZ	32.1318, 33.0738, 11.8981
YIQ	152.8330, 42.2300, -16.4420

# Conversions

## Conversions Part 2

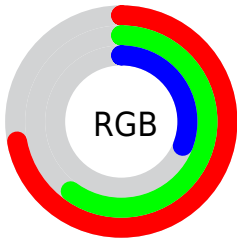
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 183, 78</a>
Decimal	<a href="#">12032078</a>
CIELab	<a href="#">64.22, 2.53, 42.69</a>
CIELCh	<a href="#">64, 42.769, 86.604</a>
Yxy	<a href="#">33.0738, 0.4167, 0.4290</a>
Android (android.graphics.Color)	<a href="#">4290222158</a> ( <a href="#">0xFFB7984E</a> )
YUV	<a href="#">152.8330, -36.8927, 26.4565</a>
Hunter-Lab	<a href="#">57.5098, -0.9109, 27.9905</a>

# Details

The Hex color **B7984E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4E6DB7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F1CE81**, and **7F651D** is the 20% darker color. If you saturate the color by 10%, you get **B7933C**, and if you desaturate by 10%, it is **B79D60**.

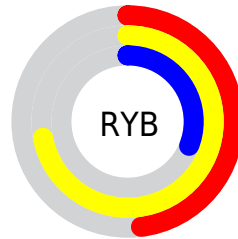
# Distribution



Red (72%)

Green (60%)

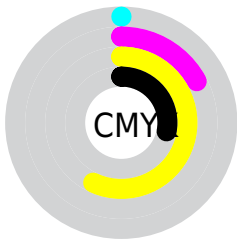
Blue (31%)



Red (48%)

Yellow (72%)

Blue (31%)

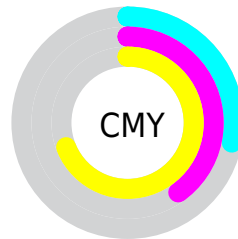


Cyan (0%)

Magenta (17%)

Yellow (57%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7984E 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 B7984E by changing the saturation by 10% instead.



 B7984E

 B7984E

FFFFFF

 9B7E35

 F1CE81

 7F651D

 FFEA9C

 644E00

 FFFFFB7

 4B3700

 FFFFFD3


 312200

 FFFFFF0

 180D00

 000000

 B7984E

 B7984E

 B7933C

 B79D60

 B78D29

 B7A373

 B78817

 B7A885

 B78205

 B7AE97

 B78100

 B7B3AA

 B7B8BC

 B7BECE

 B7C3E0

 B7C9F3

# Harmonies

## Analogous

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



D48A5D



B7984E



91A455

# Triad

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



B7984E



00AFBD



C785C6

# Complementary

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



B7984E



4E6DB7

# 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.



9893E0



B7984E



00AADB

# Square

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



B7984E



15AF96



53A1E7



E07DA2

# Rectangle

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



B7984E



73A966



53A1E7



BA8AD0



# Sweetspot

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



B7984E



EDE1C5



B74E6E



787160



F7F7F7



787878



# Same Dimension

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



B7984E



EDBD4A



A2B74E



5C5953



9C6E00



1C1400



# Inverse Universe

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



4E6DB7



4A7AED



634EB7



53555C



002E9C

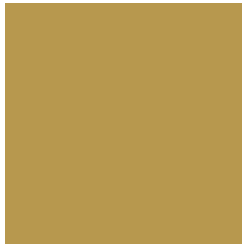


00081C



# Previews

## White Background



This preview shows how the Hex color B7984E looks on a white background.

## Color Contrast Check

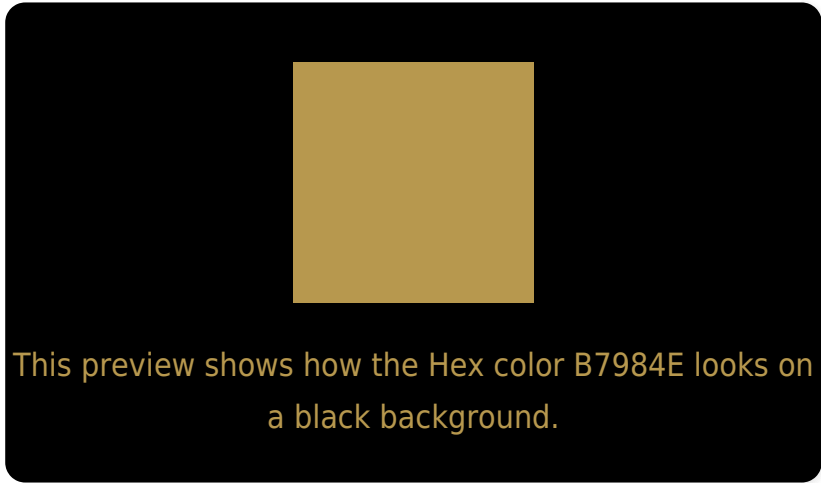
Large Text (above 18pt) WCAG AA × Fail

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 B7984E Background



This preview shows how black text looks on a background with the Hex color B7984E.



This preview shows how white text looks on a background with the Hex color B7984E.

# 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



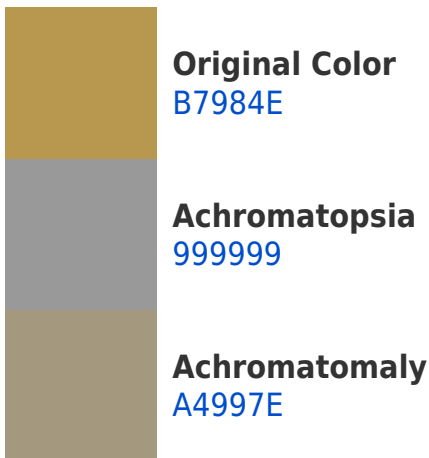


**Tritanopia**  
BE8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7984E 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 #B7984E looks like.

```
.text, #text, p{  
    color:#B7984E  
}
```

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 #B7984E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7984E
}
```

## Border

The CSS property to change the border of an element to Hex B7984E 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
#B7984E }
```

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

```
.border{ border-color:#B7984E }
```

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

Here you see how a box with a 4 pixel #B7984E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7984E; -webkit-box-shadow:4px 4px  
4px 4px #B7984E; box-shadow:4px 4px 4px  
4px #B7984E }
```

# Background

The CSS property to change the background color of an element to Hex B7984E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7984E }
```

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

```
.background{ background-color:#B7984E }
```

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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