

# Converting Colors

Hex(B7994E)

Have a look what the booklet for  
Hex(B7994E) contains.

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**Color**

**Hex(B7994E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7994E
RGB	183, 153, 78
RGB Percent	72%, 60%, 31%
CMY	0.2824, 0.4000, 0.6941
CMYK	0.00, 0.16, 0.57, 0.28
HSL	43°, 42%, 51%
HSV	43°, 57%, 72%
XYZ	32.2948, 33.3998, 11.9524
YIQ	153.4200, 41.9550, -16.9650

# Conversions

## Conversions Part 2

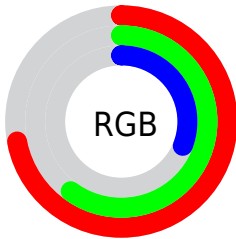
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 183, 78
Decimal	12032334
CIELab	64.48, 1.99, 43.00
CIElCh	64, 43.048, 87.351
Yxy	33.3998, 0.4159, 0.4301
Android (android.graphics.Color)	4290222414 (0xFFB7994E)
YUV	153.4200, -37.1821, 25.9417
Hunter-Lab	57.7926, -1.3902, 28.1927

# Details

The Hex color **B7994E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4E6CB7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F1CF81**, and **7F661C** is the 20% darker color. If you saturate the color by 10%, you get **B7943C**, and if you desaturate by 10%, it is **B79E60**.

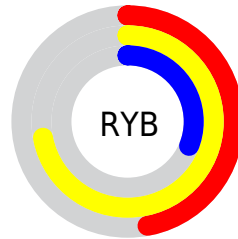
# Distribution



Red (72%)

Green (60%)

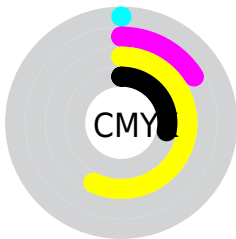
Blue (31%)



Red (47%)

Yellow (72%)

Blue (31%)

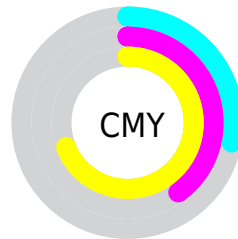


Cyan (0%)

Magenta (16%)

Yellow (57%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7994E 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 B7994E by changing the saturation by 10% instead.



 B7994E

 B7994E

FFFFFF

 9B7F35

 F1CF81

 7F661C

 FFE89C

 644E00

 FFFF80

 4B3800

 FFFFD3

 312300

 FFFFF0

 180E00

 000000

 B7994E

 B7994E

 B7943C

 B79E60

 B78F29

 B7A373

 B78917

 B7A985

 B78405

 B7AE97

 B78300

 B7B3AA

 B7B8BC

 B7BECE

 B7C3E0

 B7C8F3

# Harmonies

## Analogous

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



D58B5D



B7994E



90A556

# Triad

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



B7994E



00B0BE



C985C6

# Complementary

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



B7994E



4E6CB7

# 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.



9A94E1



B7994E



00ABDC

# Square

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



B7994E



0FB098



55A1E9



E27DA1

# Rectangle

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



B7994E



72AA67



55A1E9



BC8AD1

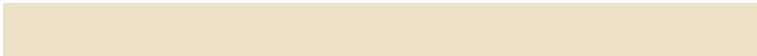


# Sweetspot

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



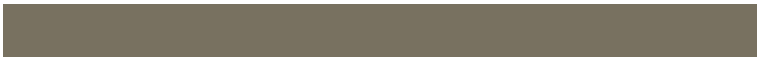
B7994E



EDE2C5



B74E6E



787160



F7F7F7



787878



# Same Dimension

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



B7994E



EDBE4A



A2B74E



5C5953



9C6F00



1C1400



# Inverse Universe

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



4E6CB7



4A78ED



634EB7



53555C



002C9C



00081C



# Previews

## White Background



This preview shows how the Hex color B7994E looks on a white background.

## Color Contrast Check

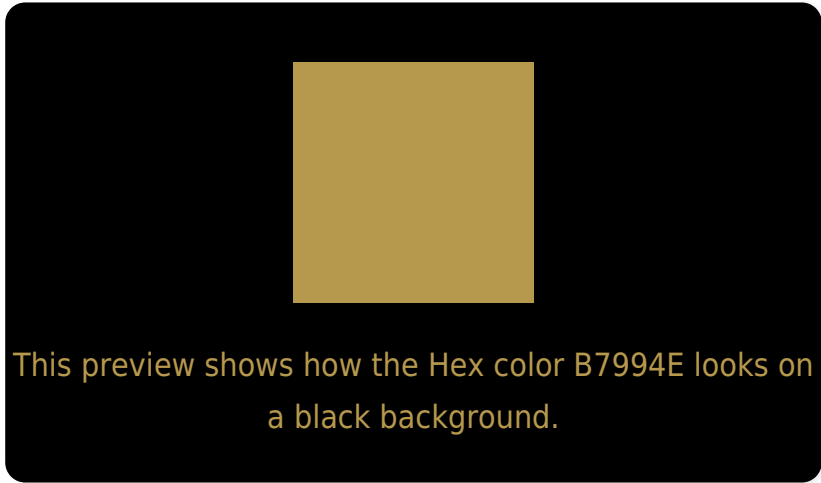
Large Text (above 18pt) WCAG AA × Fail

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 B7994E Background



This preview shows how black text looks on a background with the Hex color B7994E.



This preview shows how white text looks on a background with the Hex color B7994E.

# 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**  
B7994E

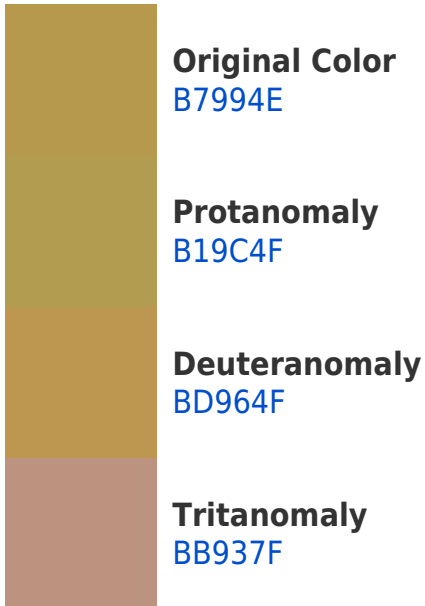
**Protanopia**  
AD9D4F

**Deuteranopia**  
C0954F

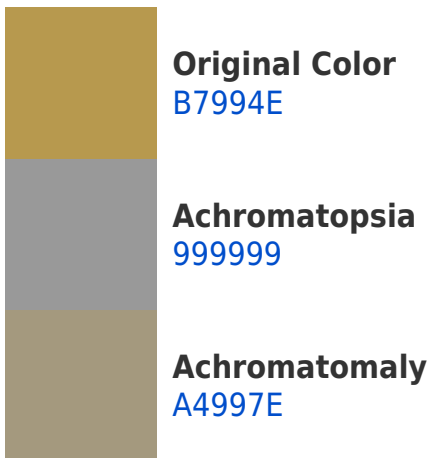


**Tritanopia**  
BE909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7994E 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 #B7994E looks like.

```
.text, #text, p{  
    color:#B7994E  
}
```

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 #B7994E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7994E
}
```

## Border

The CSS property to change the border of an element to Hex B7994E 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
#B7994E }
```

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

```
.border{ border-color:#B7994E }
```

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

Here you see how a box with a 4 pixel #B7994E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7994E; -webkit-box-shadow:4px 4px  
4px 4px #B7994E; box-shadow:4px 4px 4px  
4px #B7994E }
```

# Background

The CSS property to change the background color of an element to Hex B7994E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7994E }
```

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

```
.background{ background-color:#B7994E }
```

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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