

# Converting Colors

Hex(83994E)

Have a look what the booklet for  
Hex(83994E) contains.

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**Color**

**Hex(83994E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83994E
RGB	131, 153, 78
RGB Percent	51%, 60%, 31%
CMY	0.4863, 0.4000, 0.6941
CMYK	0.14, 0.00, 0.49, 0.40
HSL	78°, 32%, 45%
HSV	78°, 49%, 60%
XYZ	22.1265, 28.1578, 11.4765
YIQ	137.8720, 10.9630, -27.9890

# Conversions

## Conversions Part 2

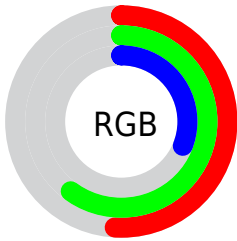
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 153, 100
Decimal	8624462
CIELab	60.03, -20.14, 36.61
CIELCh	60, 41.786, 118.811
Yxy	28.1578, 0.3583, 0.4559
Android (android.graphics.Color)	4286814542 (0xFF83994E)
YUV	137.8720, -29.5169, -6.0267
Hunter-Lab	53.0639, -18.4315, 24.3217

# Details

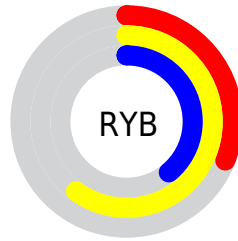
The Hex color **83994E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **644E99**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9CF81**, and **50661E** is the 20% darker color. If you saturate the color by 10%, you get **7F993F**, and if you desaturate by 10%, it is **87995D**.

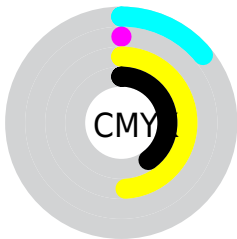
# Distribution



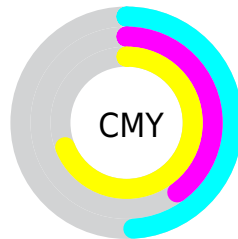
- Red (51%)
- Green (60%)
- Blue (31%)



- Red (31%)
- Yellow (60%)
- Blue (39%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83994E 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 83994E by changing the saturation by 10% instead.





83994E



83994E

FFFFFF



697F36



B9CF81



50661E



D5EC9B



374E03



F2FFB7



203700



FFFFD2



032200



FFFEEF



000000



83994E



83994E



7F993F



87995D



7A992F



8C996D

■ 769920

■ 90997C

■ 719911

■ 95998B

■ 6D9902

■ 99999B

■ 6C9900

■ 9E99AA

■ A299B9

■ A799C8

■ AB99D8

# Harmonies

## Analogous

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



A88E45



83994E



55A069

# Triad

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



83994E



009ECF



D37294

# Complementary

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



83994E



644E99

# 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.



BD7AB7



83994E



4E95DA

# Square

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



83994E



00A3B3



9188D1



D5766F

# Rectangle

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



83994E



29A381



9188D1



CE74A0



# Sweetspot

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



83994E



BEC7A9



99634E



5E6352



E3E3E3



636363



# Same Dimension

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



83994E



A4C752



5E994E



4A4D45



638C00



090D00



# Inverse Universe

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



644E99



7452C7



894E99



47454D



29008C



04000D



# Previews

## White Background



This preview shows how the Hex color 83994E looks on a white background.

## Color Contrast Check

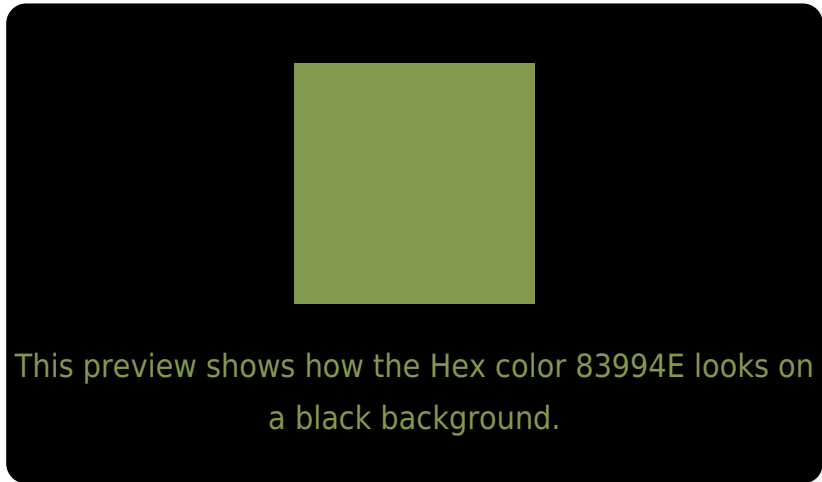
Large Text (above 18pt) WCAG AA ✓ Pass

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

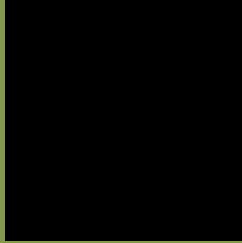
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 83994E Background



This preview shows how black text looks on a background with the Hex color 83994E.



This preview shows how white text looks on a background with the Hex color 83994E.

# 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](#).

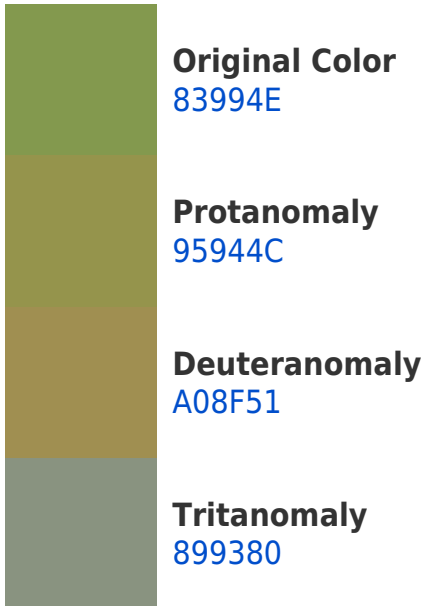
## Dichromacy



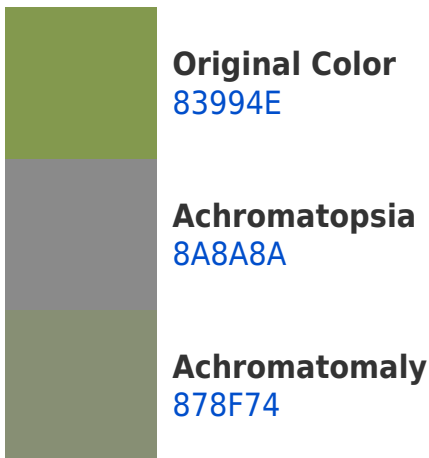


**Tritanopia**  
8D909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83994E 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 #83994E looks like.

```
.text, #text, p{  
    color:#83994E  
}
```

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 #83994E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83994E
}
```

## Border

The CSS property to change the border of an element to Hex 83994E 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
#83994E }
```

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

```
.border{ border-color:#83994E }
```

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

Here you see how a box with a 4 pixel #83994E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83994E; -webkit-box-shadow:4px 4px  
4px 4px #83994E; box-shadow:4px 4px 4px  
4px #83994E }
```

# Background

The CSS property to change the background color of an element to Hex 83994E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83994E }
```

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

```
.background{ background-color:#83994E }
```

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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