

# Converting Colors

Hex(83945D)

Have a look what the booklet for  
Hex(83945D) contains.

<b>Hex(83945D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(83945D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83945D
RGB	131, 148, 93
RGB Percent	51%, 58%, 36%
CMY	0.4863, 0.4196, 0.6353
CMYK	0.11, 0.00, 0.37, 0.42
HSL	79°, 23%, 47%
HSV	79°, 37%, 58%
XYZ	21.9258, 26.7954, 14.3723
YIQ	136.6470, 7.5230, -20.7090

# Conversions

## Conversions Part 2

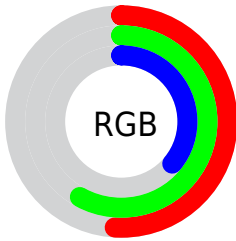
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 148, 110
Decimal	8623197
CIELab	58.78, -15.70, 27.11
CIElCh	59, 31.324, 120.075
Yxy	26.7954, 0.3475, 0.4247
Android (android.graphics.Color)	4286813277 (0xFF83945D)
YUV	136.6470, -21.5180, -4.9524
Hunter-Lab	51.7643, -14.9804, 19.7731

# Details

The Hex color **83945D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E5D94**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B9CA90**, and **51612E** is the 20% darker color. If you saturate the color by 10%, you get **7E944E**, and if you desaturate by 10%, it is **88946C**.

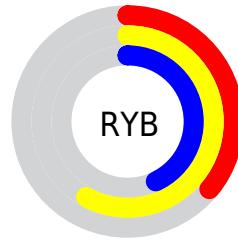
# Distribution



Red (51%)

Green (58%)

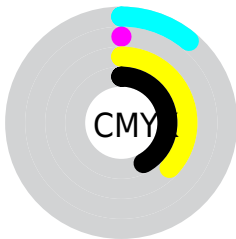
Blue (36%)



Red (36%)

Yellow (58%)

Blue (43%)

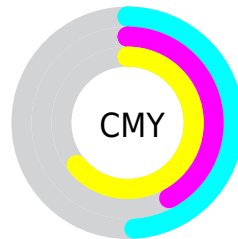


Cyan (11%)

Magenta (0%)

Yellow (37%)

Black (42%)



Cyan (49%)

Magenta (42%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83945D 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 83945D by changing the saturation by 10% instead.





83945D



83945D

FFFFFF



697A45



B9CA90



51612E



D5E6AB



394A17



F1FFC6



223300



FFFFE2



081E00



000000



83945D



83945D



7E944E



88946C



7A943F



8C947B

 759431

 919489

 719422

 959498

 6C9413

 9A94A7

 689404

 9E94B6

 669400

 A394C5

 A894D3

 AC94E2

# Harmonies

## Analogous

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



A08C56



83945D



629A71

# Triad

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



83945D



3997BC



C1788E

# Complementary

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



83945D



6E5D94

# 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.



B07DA9



83945D



6790C4

# Square

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



83945D



239CA8



9186BD



C27B73

# Rectangle

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



83945D



4B9C83



9186BD



BD7998



# Sweetspot

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



83945D



B9BFAA



946E5D



5D6154



E0E0E0



616161



# Same Dimension

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



83945D



A5BF69



68945D



484A43



5F8A00



070A00



# Inverse Universe

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



6E5D94



8469BF



895D94



45434A



2B008A



03000A



# Previews

## White Background



This preview shows how the Hex color 83945D looks on a white background.

## Color Contrast Check

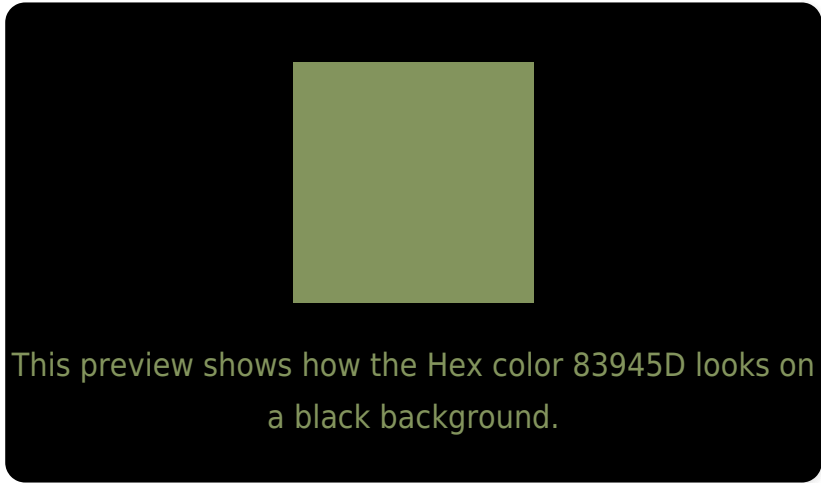
Large Text (above 18pt) WCAG AA ✓ Pass

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 83945D Background



This preview shows how black text looks on a background with the Hex color 83945D.

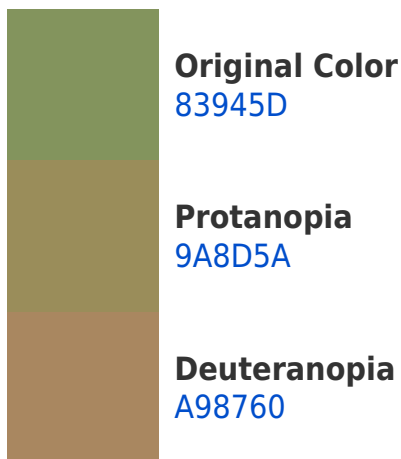



This preview shows how white text looks on a background with the Hex color 83945D.

# 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



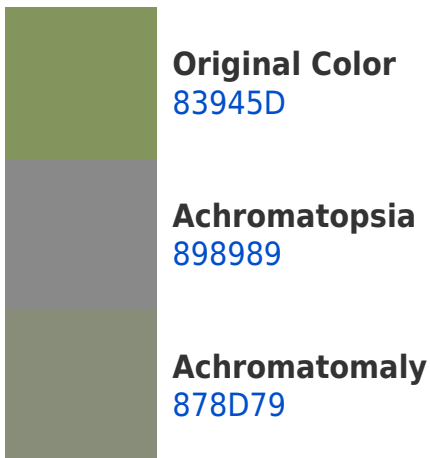


**Tritanopia**  
8B8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83945D 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 #83945D looks like.

```
.text, #text, p{  
    color:#83945D  
}
```

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 #83945D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83945D
}
```

## Border

The CSS property to change the border of an element to Hex 83945D 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
#83945D }
```

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

```
.border{ border-color:#83945D }
```

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

Here you see how a box with a 4 pixel #83945D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83945D; -webkit-box-shadow:4px 4px  
4px 4px #83945D; box-shadow:4px 4px 4px  
4px #83945D }
```

# Background

The CSS property to change the background color of an element to Hex 83945D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83945D }
```

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

```
.background{ background-color:#83945D }
```

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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