

# Converting Colors

Hex(99855D)

Have a look what the booklet for  
Hex(99855D) contains.

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**Color**

**Hex(99855D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99855D
RGB	153, 133, 93
RGB Percent	60%, 52%, 36%
CMY	0.4000, 0.4784, 0.6353
CMYK	0.00, 0.13, 0.39, 0.40
HSL	40°, 24%, 48%
HSV	40°, 39%, 60%
XYZ	23.5002, 24.3377, 13.8150
YIQ	134.4200, 24.7600, -8.2000

# Conversions

## Conversions Part 2

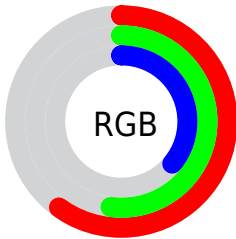
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 153, 93
Decimal	10061149
CIELab	56.42, 1.65, 24.37
CIELCh	56, 24.426, 86.135
Yxy	24.3377, 0.3812, 0.3948
Android (android.graphics.Color)	4288251229 (0xFF99855D)
YUV	134.4200, -20.4201, 16.2947
Hunter-Lab	49.3332, -1.3036, 17.9301

# Details

The Hex color **99855D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D7199**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D0BA90**, and **65542E** is the 20% darker color. If you saturate the color by 10%, you get **99804E**, and if you desaturate by 10%, it is **998A6C**.

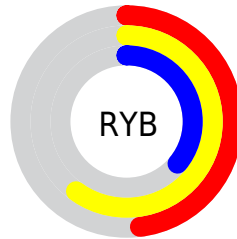
# Distribution



Red (60%)

Green (52%)

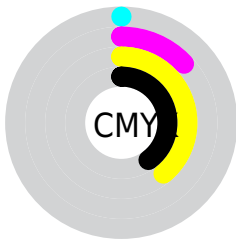
Blue (36%)



Red (48%)

Yellow (60%)

Blue (36%)

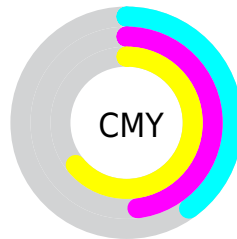


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99855D 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 99855D by changing the saturation by 10% instead.



 99855D

 99855D

FFFFFF

 7E6C45

 D0BA90

 65542E

 EDD6AA

 4C3D18

 FFF2C6

 342700

 FFFFE2

 1D1300

 000000

 99855D

 99855D

 99804E

 998A6C

 997B3E

 998F7C

■ 99762F

■ 99948B

■ 997120

■ 99999A

■ 996C10

■ 999EAA

■ 996601

■ 99A4B9

■ 996600

■ 99A9C8

■ 99AED7

■ 99B3E7

# Harmonies

## Analogous

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



AA7E65



99855D



838C61

# Triad

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



99855D



459399



A07C9F

# Complementary

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



99855D



5D7199

# 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.



8783AD



99855D



4D90AA

# Square

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



99855D



539384



688AB1



AF788B

# Rectangle

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



99855D



738F69



688AB1



987EA5



# Sweetspot

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



99855D



C7BFAF



995D71



635F56



E3E3E3



636363



# Same Dimension

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



99855D



C7A869



8F995D



4D4A45



8C5E00



0D0900



# Inverse Universe

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



5D7199



6989C7



675D99



45474D



002F8C



00040D



# Previews

## White Background



This preview shows how the Hex color 99855D looks on a white background.

## Color Contrast Check

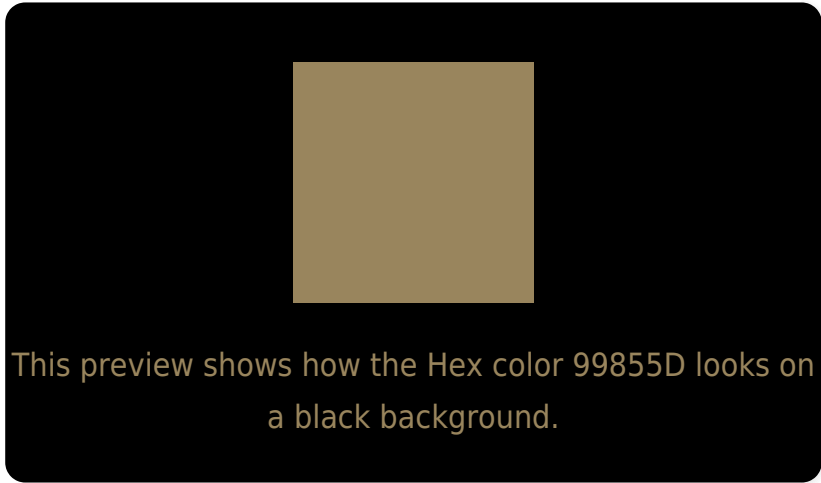
Large Text (above 18pt) WCAG AA ✓ Pass

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

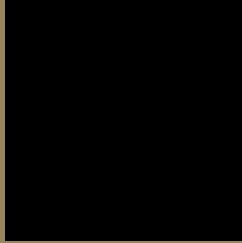
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 99855D Background



This preview shows how black text looks on a background with the Hex color 99855D.



This preview shows how white text looks on a background with the Hex color 99855D.

# 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**  
99855D

**Protanopia**  
92875E

**Deuteranopia**  
A2825E



**Tritanopia**  
9E7F89

# Trichromacy



**Original Color**  
99855D

**Protanomaly**  
95865E

**Deuteranomaly**  
9F835E

**Tritanomaly**  
9C8179

# Monochromacy



**Original Color**  
99855D

**Achromatopsia**  
868686

**Achromatomaly**  
8D8677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99855D 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 #99855D looks like.

```
.text, #text, p{  
    color:#99855D  
}
```

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 #99855D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99855D
}
```

## Border

The CSS property to change the border of an element to Hex 99855D 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
#99855D }
```

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

```
.border{ border-color:#99855D }
```

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

Here you see how a box with a 4 pixel #99855D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99855D; -webkit-box-shadow:4px 4px  
4px 4px #99855D; box-shadow:4px 4px 4px  
4px #99855D }
```

# Background

The CSS property to change the background color of an element to Hex 99855D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99855D }
```

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

```
.background{ background-color:#99855D }
```

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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