

# Converting Colors

Hex(99865D)

Have a look what the booklet for  
Hex(99865D) contains.

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**Color**

**Hex(99865D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99865D
RGB	153, 134, 93
RGB Percent	60%, 53%, 36%
CMY	0.4000, 0.4745, 0.6353
CMYK	0.00, 0.12, 0.39, 0.40
HSL	41°, 24%, 48%
HSV	41°, 39%, 60%
XYZ	23.6378, 24.6128, 13.8608
YIQ	135.0070, 24.4850, -8.7230

# Conversions

## Conversions Part 2

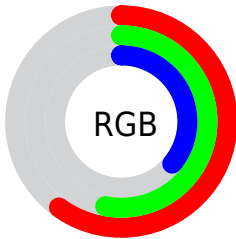
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 153, 93
Decimal	10061405
CIE <sub>Lab</sub>	56.70, 1.09, 24.73
CIE <sub>LCh</sub>	57, 24.752, 87.486
Yxy	24.6128, 0.3806, 0.3963
Android (android.graphics.Color)	4288251485 (0xFF99865D)
YUV	135.0070, -20.7095, 15.7799
Hunter-Lab	49.6113, -1.7718, 18.1630

# Details

The Hex color **99865D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D7099**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D0BB90**, and **65552E** is the 20% darker color. If you saturate the color by 10%, you get **99814E**, and if you desaturate by 10%, it is **998B6C**.

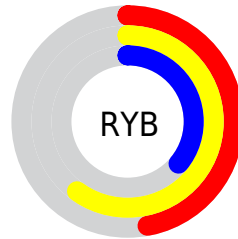
# Distribution



Red (60%)

Green (53%)

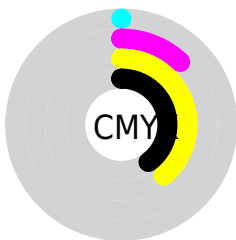
Blue (36%)



Red (47%)

Yellow (60%)

Blue (36%)

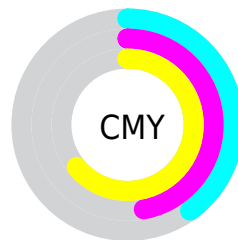


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99865D 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 99865D by changing the saturation by 10% instead.





99865D



99865D

FFFFFF



7E6D45



D0BB90



65552E



EDD7AA



4C3E18



FFF3C6



342800



FFFFE2



1D1400



000000



99865D



99865D



99814E



998B6C



997C3E



99907C

 99772F

 99958B

 997320

 99999A

 996E10

 999EAA

 996901

 99A3B9

 996900

 99A8C8

 99ADD7

 99B2E7

# Harmonies

## Analogous

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



AA7F64



99865D



828D61

# Triad

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



99865D



44939B



A27C9F

# Complementary

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



99865D



5D7099

# 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.



8983AE



99865D



4D90AC

# Square

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



99865D



529485



698BB3



B0788B

# Rectangle

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



99865D



72906A



698BB3



9B7EA5



# Sweetspot

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



99865D



C7BFAF



995D70



635F56



E3E3E3



636363



# Same Dimension

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



99865D



C7A969



8E995D



4D4A45



8C6000



0D0900



# Inverse Universe

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



5D7099



6987C7



685D99



45474D



002C8C



00040D



# Previews

## White Background



This preview shows how the Hex color 99865D looks on a white background.

## Color Contrast Check

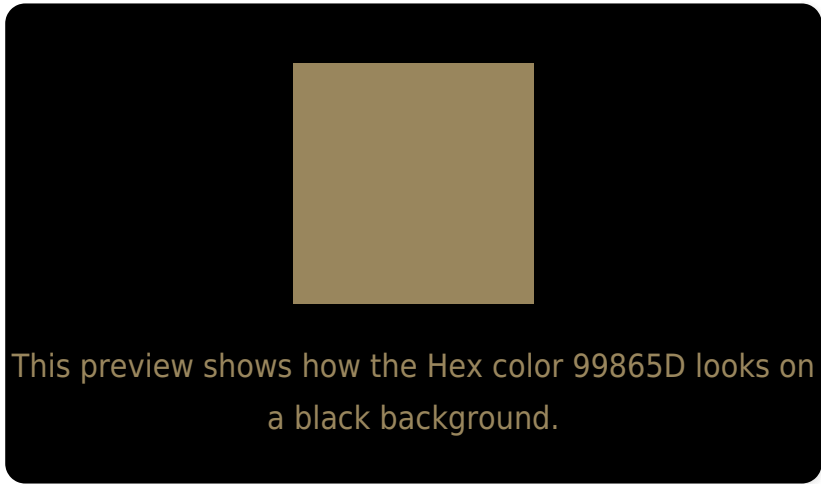
Large Text (above 18pt) WCAG AA ✓ Pass

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

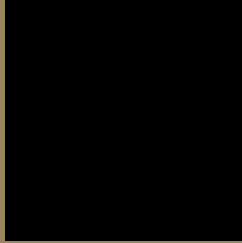
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 99865D Background



This preview shows how black text looks on a background with the Hex color 99865D.



This preview shows how white text looks on a background with the Hex color 99865D.

# 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**  
99865D

**Protanopia**  
93885E

**Deuteranopia**  
A3825E



**Tritanopia**  
9E808A

# Trichromacy



**Original Color**  
99865D

**Protanomaly**  
95875E

**Deuteranomaly**  
9F835E

**Tritanomaly**  
9C827A

# Monochromacy



**Original Color**  
99865D

**Achromatopsia**  
878787

**Achromatomaly**  
8E8778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99865D 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 #99865D looks like.

```
.text, #text, p{  
    color:#99865D  
}
```

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 #99865D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99865D
}
```

## Border

The CSS property to change the border of an element to Hex 99865D 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
#99865D }
```

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

```
.border{ border-color:#99865D }
```

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

Here you see how a box with a 4 pixel #99865D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99865D; -webkit-box-shadow:4px 4px  
4px 4px #99865D; box-shadow:4px 4px 4px  
4px #99865D }
```

# Background

The CSS property to change the background color of an element to Hex 99865D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99865D }
```

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

```
.background{ background-color:#99865D }
```

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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