

# Converting Colors

Hex(9D883E)

Have a look what the booklet for  
Hex(9D883E) contains.

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**Color**

**Hex(9D883E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D883E
RGB	157, 136, 62
RGB Percent	62%, 53%, 24%
CMY	0.3843, 0.4667, 0.7569
CMYK	0.00, 0.13, 0.61, 0.38
HSL	47°, 43%, 43%
HSV	47°, 61%, 62%
XYZ	23.5783, 25.1242, 8.1642
YIQ	133.8430, 36.2700, -18.5620

# Conversions

## Conversions Part 2

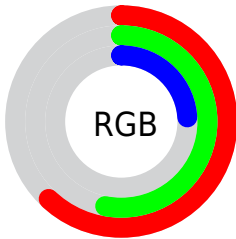
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 157, 62
Decimal	10324030
CIE Lab	57.20, -1.33, 41.86
CIE LCh	57, 41.885, 91.825
Yxy	25.1242, 0.4146, 0.4418
Android (android.graphics.Color)	4288514110 (0xFF9D883E)
YUV	133.8430, -35.4186, 20.3087
Hunter-Lab	50.1241, -3.7510, 25.4297

# Details

The Hex color **9D883E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E539D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D6BD70**, and **67570A** is the 20% darker color. If you saturate the color by 10%, you get **9D852E**, and if you desaturate by 10%, it is **9D8B4E**.

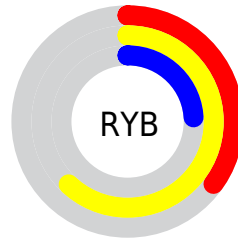
# Distribution



Red (62%)

Green (53%)

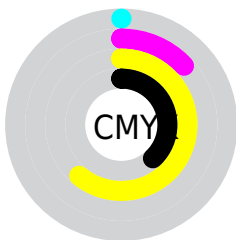
Blue (24%)



Red (35%)

Yellow (62%)

Blue (24%)

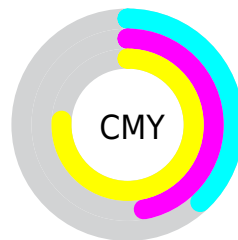


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D883E 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 9D883E by changing the saturation by 10% instead.



 9D883E

 9D883E

FFFFFF

 826F25

 D6BD70

 67570A

 F3D98A

 4D3F00

 FFF5A5

 342A00

 FFFFC1

 1B1600

 FFFFDD

 000000

 FFFFFA

 9D883E

 9D883E

 9D852E

 9D8B4E

■ 9D811F

■ 9D8F5D

■ 9D7E0F

■ 9D926D

■ 9D7A00

■ 9D967D

■ 9D998D

■ 9D9D9C

■ 9DA0AC

■ 9DA4BC

■ 9DA7CB

# Harmonies

## Analogous

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



BB7B49



9D883E



779249

# Triad

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



9D883E



009BAF



B871AC

# Complementary

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



9D883E



3E539D

# 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.



8F7FC7



9D883E



0096C9

# Square

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



9D883E



009C8A



4E8CD2



CC6B88

# Rectangle

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



9D883E



5A975B



4E8CD2



AD75B7



# Sweetspot

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



9D883E



CCC4A7



9D3E54



666150



E6E6E6



666666



# Same Dimension

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



9D883E



CCAB37



849D3E



4F4D47



8F6F00



0F0C00



# Inverse Universe

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



3E539D



3758CC



573E9D



47494F



00208F



00030F



# Previews

## White Background



This preview shows how the Hex color 9D883E looks on a white background.

## Color Contrast Check

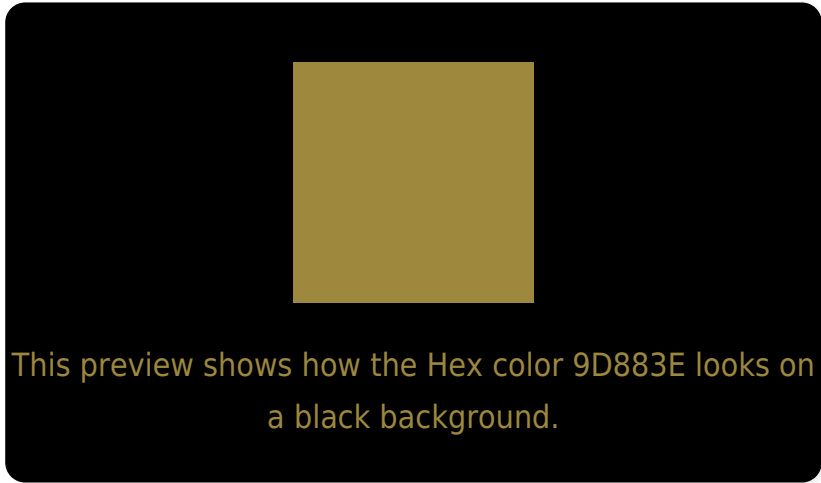
Large Text (above 18pt) WCAG AA ✓ Pass

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

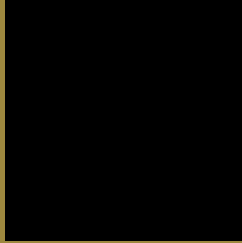
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D883E Background



This preview shows how black text looks on a background with the Hex color 9D883E.



This preview shows how white text looks on a background with the Hex color 9D883E.

# 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**  
9D883E

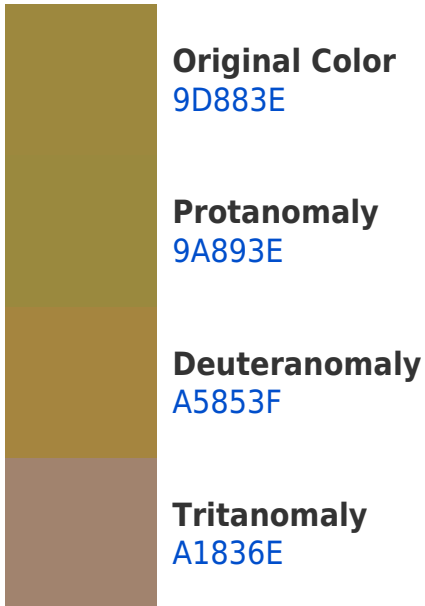
**Protanopia**  
998A3E

**Deuteranopia**  
AA833F

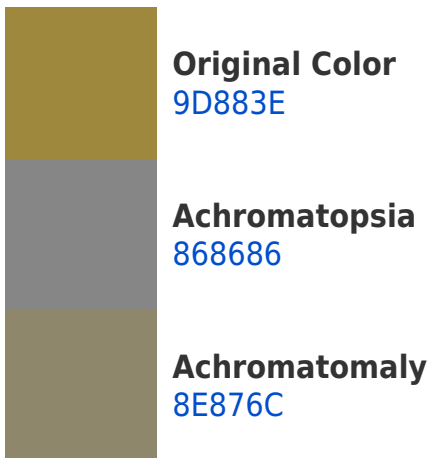


**Tritanopia**  
A4808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D883E 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 #9D883E looks like.

```
.text, #text, p{  
    color:#9D883E  
}
```

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 #9D883E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D883E
}
```

## Border

The CSS property to change the border of an element to Hex 9D883E 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
#9D883E }
```

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

```
.border{ border-color:#9D883E }
```

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

Here you see how a box with a 4 pixel #9D883E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D883E; -webkit-box-shadow:4px 4px  
4px 4px #9D883E; box-shadow:4px 4px 4px  
4px #9D883E }
```

# Background

The CSS property to change the background color of an element to Hex 9D883E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D883E }
```

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

```
.background{ background-color:#9D883E }
```

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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