

# Converting Colors

Hex(90855D)

Have a look what the booklet for  
Hex(90855D) contains.

<b>Hex(90855D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(90855D)**

# Conversions

Conversions Part 1	
Format	Color
Hex	90855D
RGB	144, 133, 93
RGB Percent	56%, 52%, 36%
CMY	0.4353, 0.4784, 0.6353
CMYK	0.00, 0.08, 0.35, 0.44
HSL	47°, 22%, 46%
HSV	47°, 35%, 56%
XYZ	21.8649, 23.4947, 13.7384
YIQ	131.7290, 19.3960, -10.1080

# Conversions

## Conversions Part 2

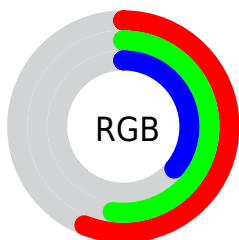
Format	Color
<a href="#">RYB</a>	<a href="#">107, 144, 93</a>
Decimal	<a href="#">9471325</a>
CIELab	<a href="#">55.58, -2.16, 23.10</a>
CIELCh	<a href="#">56, 23.199, 95.346</a>
Yxy	<a href="#">23.4947, 0.3700, 0.3976</a>
Android (android.graphics.Color)	<a href="#">4287661405</a> (0xFF90855D)
YUV	<a href="#">131.7290, -19.0934, 10.7617</a>
Hunter-Lab	<a href="#">48.4713, -4.3052, 17.1251</a>

# Details

The Hex color **90855D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D6890**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C7BA90**, and **5D542E** is the 20% darker color. If you saturate the color by 10%, you get **90824F**, and if you desaturate by 10%, it is **90886B**.

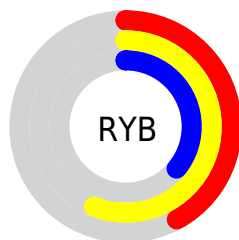
# Distribution



Red (56%)

Green (52%)

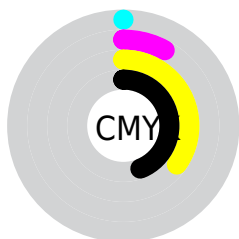
Blue (36%)



Red (42%)

Yellow (56%)

Blue (36%)

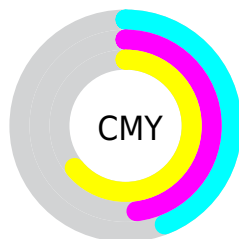


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (44%)



Cyan (44%)

Magenta (48%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90855D 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 90855D by changing the saturation by 10% instead.





90855D



90855D

FFFFFF



766C45



C7BA90



5D542E



E3D6AA



443D19



FFF2C6



2E2700



FFFFE2



161300



000000



90855D



90855D



90824F



90886B



907F40



908B7A

 907C32

 908E88

 907923

 909197

 907515

 9095A5

 907207

 9098B3

 907100

 909BC2

 909ED0

 90A1DF

# Harmonies

## Analogous

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



A27E61



90855D



7A8B64

# Triad

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



90855D



478F9C



A27996

# Complementary

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



90855D



5D6890

# 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.



8D7FA6



90855D



558CA9

# Square

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



90855D



4F9088



7186AD



AD7682

# Rectangle

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



90855D



6A8E6E



7186AD



9C7A9C



# Sweetspot

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



90855D



BAB6A6



905D68



5E5C52



DEDEDE



5E5E5E



# Same Dimension

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



90855D



BAA96A



82905D



474640



876A00



080600



# Inverse Universe

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



5D6890



6A7BBA



6B5D90



404247



001D87



000208



# Previews

## White Background



This preview shows how the Hex color 90855D looks on a white background.

## Color Contrast Check

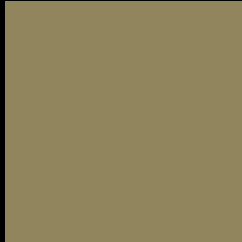
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 90855D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

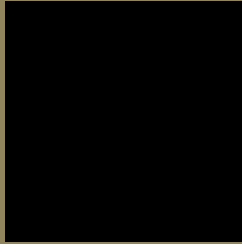
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 90855D Background



This preview shows how black text looks on a background with the Hex color 90855D.



This preview shows how white text looks on a background with the Hex color 90855D.

# 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**  
90855D

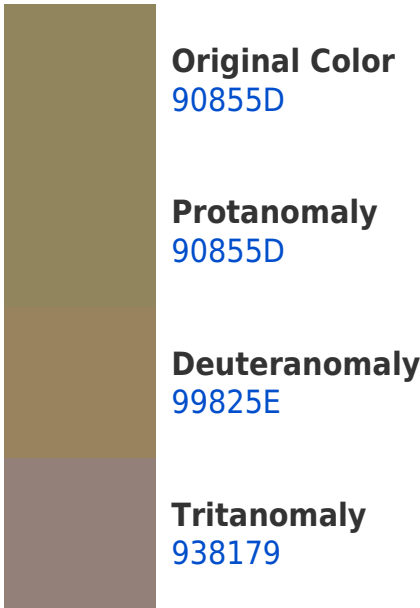
**Protanopia**  
90855D

**Deuteranopia**  
9E805E

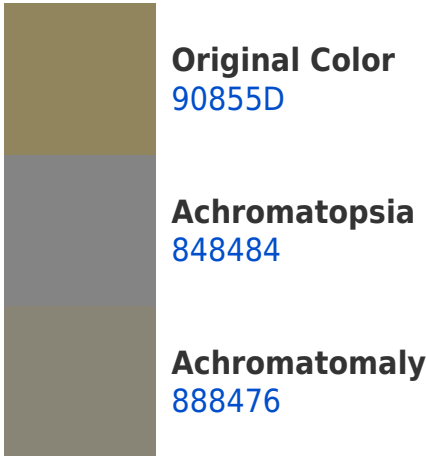


**Tritanopia**  
957F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90855D 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 #90855D looks like.

```
.text, #text, p{  
    color:#90855D  
}
```

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 #90855D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90855D
}
```

## Border

The CSS property to change the border of an element to Hex 90855D 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
#90855D }
```

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

```
.border{ border-color:#90855D }
```

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

Here you see how a box with a 4 pixel #90855D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90855D; -webkit-box-shadow:4px 4px  
4px 4px #90855D; box-shadow:4px 4px 4px  
4px #90855D }
```

# Background

The CSS property to change the background color of an element to Hex 90855D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90855D }
```

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

```
.background{ background-color:#90855D }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor