

# Converting Colors

Hex(97955A)

Have a look what the booklet for  
Hex(97955A) contains.

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**Color**

**Hex(97955A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97955A
RGB	151, 149, 90
RGB Percent	59%, 58%, 35%
CMY	0.4078, 0.4157, 0.6471
CMYK	0.00, 0.01, 0.40, 0.41
HSL	58°, 25%, 47%
HSV	58°, 40%, 59%
XYZ	25.3554, 28.8124, 13.8978
YIQ	142.8720, 20.1310, -17.9250

# Conversions

## Conversions Part 2

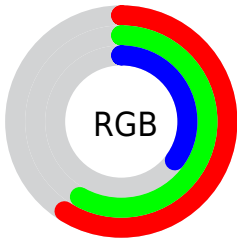
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 151, 90
Decimal	9934170
CIELab	60.62, -8.37, 31.40
CIElCh	61, 32.493, 104.927
Yxy	28.8124, 0.3725, 0.4233
Android (android.graphics.Color)	4288124250 (0xFF97955A)
YUV	142.8720, -26.0659, 7.1283
Hunter-Lab	53.6772, -9.6173, 22.2229

# Details

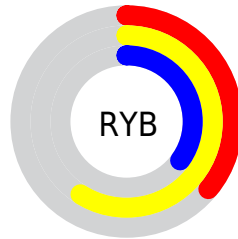
The Hex color **97955A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A5C97**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CECB8D**, and **63622A** is the 20% darker color. If you saturate the color by 10%, you get **97954B**, and if you desaturate by 10%, it is **979569**.

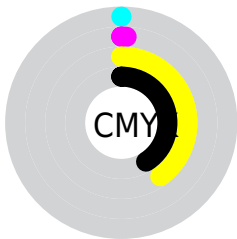
# Distribution



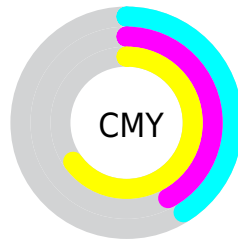
- Red (59%)
- Green (58%)
- Blue (35%)



- Red (36%)
- Yellow (59%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97955A 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 97955A by changing the saturation by 10% instead.



■ 97955A

■ 97955A

FFFFFF

■ 7C7B42

■ CECB8D

■ 63622A

■ EBE7A8

■ 4A4B13

■ FFFFC3

■ 323400

■ FFFFDF

■ 1B1F00

■ FFFFFC

■ 000400

■ 000000

■ 97955A

■ 97955A

■ 97954B

■ 979569

 97943C

 979678

 97942D

 979687

 97931E

 979796

 97930F

 9797A5

 979200

 9798B5

 9798C4

 9799D3

 9799E2

# Harmonies

## Analogous

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



B28B5B



97955A



779C69

# Triad

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



97955A



259FBA



C17EA2

# Complementary

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



97955A



5A5C97

# 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.



A886BB



97955A



5199C9

# Square

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



97955A



2DA2A0



8090C9



CB7C85

# Rectangle

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



97955A



5FA079



8090C9



BA80AB



# Sweetspot

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



97955A



C4C4AD



975A5C



636356



E3E3E3



636363



# Same Dimension

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



97955A



C4C166



7B975A



4D4C45



8C8800



0D0C00



# Inverse Universe

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



5A5C97



6669C4



765A97



45454D



00058C



00000D



# Previews

## White Background



This preview shows how the Hex color 97955A looks on a white background.

## Color Contrast Check

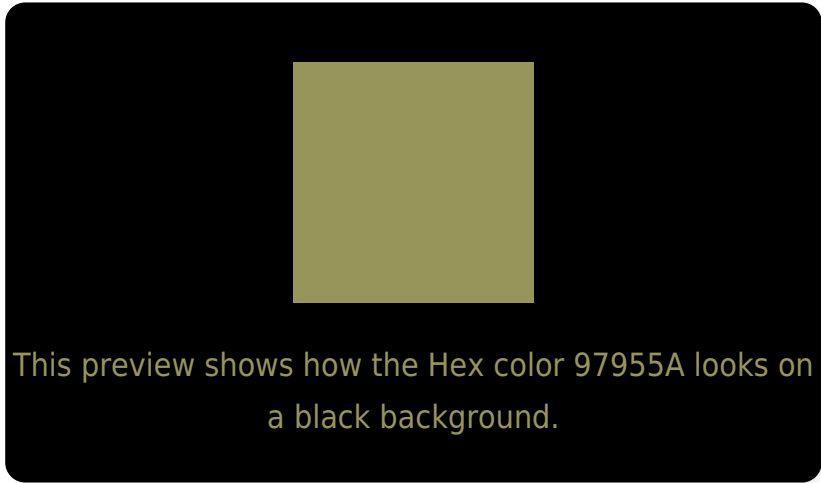
Large Text (above 18pt) WCAG AA ✓ Pass

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

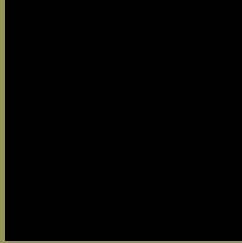
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97955A Background



This preview shows how black text looks on a background with the Hex color 97955A.



This preview shows how white text looks on a background with the Hex color 97955A.

# 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**  
97955A

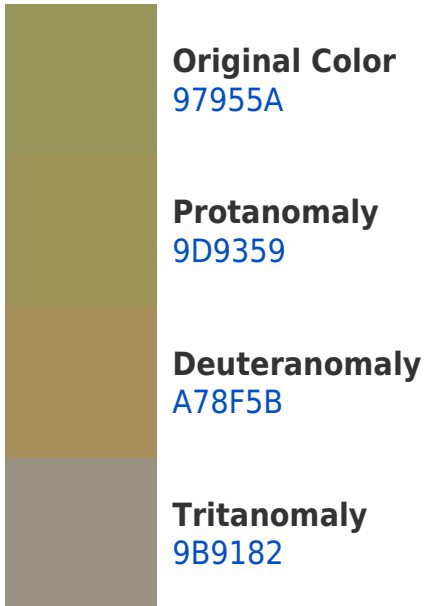
**Protanopia**  
A09259

**Deuteranopia**  
B08C5C

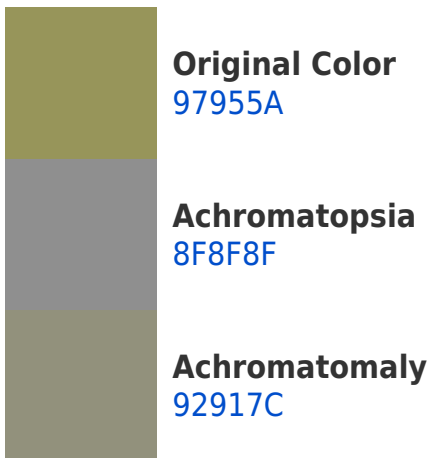


**Tritanopia**  
9E8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97955A 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 #97955A looks like.

```
.text, #text, p{  
    color:#97955A  
}
```

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 #97955A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97955A
}
```

## Border

The CSS property to change the border of an element to Hex 97955A 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
#97955A }
```

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

```
.border{ border-color:#97955A }
```

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

Here you see how a box with a 4 pixel #97955A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97955A; -webkit-box-shadow:4px 4px  
4px 4px #97955A; box-shadow:4px 4px 4px  
4px #97955A }
```

# Background

The CSS property to change the background color of an element to Hex 97955A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97955A }
```

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

```
.background{ background-color:#97955A }
```

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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