

Converting Colors

Hex(97AC54)

Have a look what the booklet for
Hex(97AC54) contains.

Hex(97AC54)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97AC54)

Conversions

Conversions Part 1

Format	Color
Hex	97AC54
RGB	151, 172, 84
RGB Percent	59%, 67%, 33%
CMY	0.4078, 0.3255, 0.6706
CMYK	0.12, 0.00, 0.51, 0.33
HSL	74°, 35%, 50%
HSV	74°, 51%, 67%
XYZ	29.1153, 36.7245, 13.9415
YIQ	155.6890, 15.7320, -31.8200

Conversions

Conversions Part 2

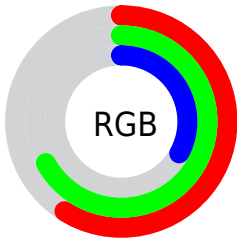
Format	Color
RYB	84, 172, 105
Decimal	9940052
CIELab	67.07, -21.01, 42.42
CIELCh	67, 47.336, 116.346
Yxy	36.7245, 0.3649, 0.4603
Android (android.graphics.Color)	4288130132 (0xFF97AC54)
YUV	155.6890, -35.3427, -4.1123
Hunter-Lab	60.6007, -20.2919, 28.7805

Details

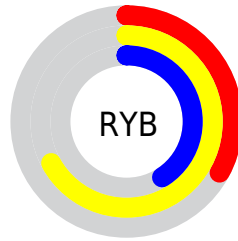
The Hex color **97AC54** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6954AC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CFE388**, and **627822** is the 20% darker color. If you saturate the color by 10%, you get **93AC43**, and if you desaturate by 10%, it is **9BAC65**.

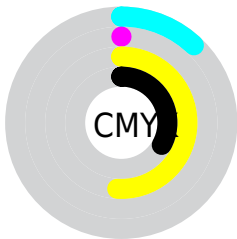
Distribution



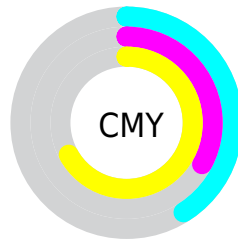
- Red (59%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97AC54 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 97AC54 by changing the saturation by 10% instead.



97AC54



97AC54

FFFFFF



7C913B



CFE388



627822



ECFFA3



485F04



FFFFBE



304700



FFFFDA



173100



FFFFF7



001D00



000000



97AC54



97AC54



93AC43



9BAC65

 8FAC32

 9FAC76

 8BAC20

 A3AC88

 87AC0F

 A7AC99

 83AC00

 ACACAA

 B0ACBB

 B4ACCC

 B8ACDE

 BCACEF

Harmonies

Analogous

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



C19F4C



97AC54



63B572

Triad

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



97AC54



00B4E9



EF80AA

Complementary

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



97AC54



6954AC

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.



D38AD3



97AC54



4AA9F8

Square

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



97AC54



00B8C8



9E9AF0



F38380

Rectangle

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



97AC54



2FB88E



9E9AF0



E982B9

Sweetspot

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



97AC54



D8E0BF



AC6954



6B705C



F0F0F0



707070

Same Dimension

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



97AC54



C0E058



6BAC54



55574E



739600



111700

Inverse Universe

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



6954AC



7858E0



9554AC



504E57



240096



050017

Previews

White Background



This preview shows how the Hex color 97AC54 looks on a white background.

Color Contrast Check

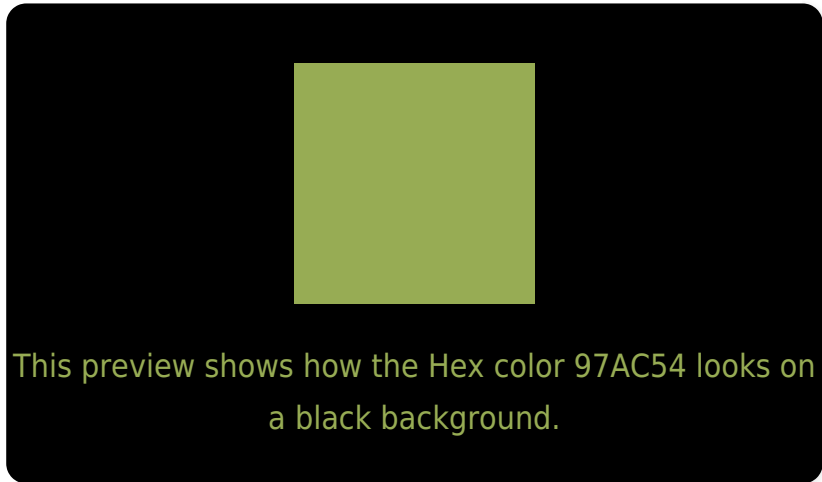
Large Text (above 18pt) WCAG AA × Fail

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

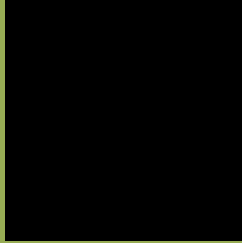
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 97AC54 Background



This preview shows how black text looks on a background with the Hex color 97AC54.



This preview shows how white text looks on a background with the Hex color 97AC54.

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](#).

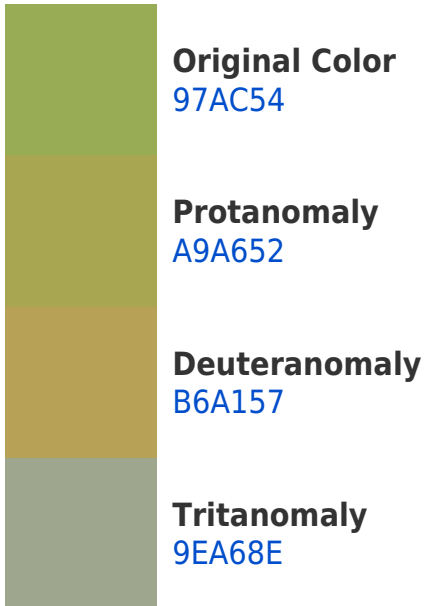
Dichromacy





Tritanopia
A2A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97AC54 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 #97AC54 looks like.

```
.text, #text, p{  
    color:#97AC54  
}
```

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 #97AC54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AC54
}
```

Border

The CSS property to change the border of an element to Hex 97AC54 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
#97AC54 }
```

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

```
.border{ border-color:#97AC54 }
```

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

Here you see how a box with a 4 pixel #97AC54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AC54; -webkit-box-shadow:4px 4px  
4px 4px #97AC54; box-shadow:4px 4px 4px  
4px #97AC54 }
```

Background

The CSS property to change the background color of an element to Hex 97AC54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AC54 }
```

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

```
.background{ background-color:#97AC54 }
```

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