

# Converting Colors

Hex(95AC47)

Have a look what the booklet for  
Hex(95AC47) contains.

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**Color**

**Hex(95AC47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95AC47
RGB	149, 172, 71
RGB Percent	58%, 67%, 28%
CMY	0.4157, 0.3255, 0.7216
CMYK	0.13, 0.00, 0.59, 0.33
HSL	74°, 42%, 48%
HSV	74°, 59%, 67%
XYZ	28.2843, 36.3495, 11.4867
YIQ	153.6090, 18.7130, -36.2870

# Conversions

## Conversions Part 2

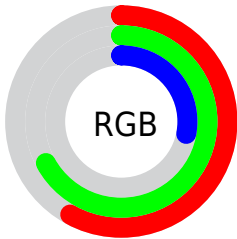
Format	Color
<a href="#">RYB</a>	<a href="#">71, 172, 94</a>
Decimal	<a href="#">9808967</a>
CIELab	<a href="#">66.79, -23.02, 48.23</a>
CIELCh	<a href="#">67, 53.445, 115.516</a>
Yxy	<a href="#">36.3495, 0.3716, 0.4775</a>
Android (android.graphics.Color)	<a href="#">4287999047 (0xFF95AC47)</a>
YUV	<a href="#">153.6090, -40.7262, -4.0421</a>
Hunter-Lab	<a href="#">60.2906, -21.7683, 30.9074</a>

# Details

The Hex color **95AC47** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5E47AC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CDE37B**, and **5F7810** is the 20% darker color. If you saturate the color by 10%, you get **91AC36**, and if you desaturate by 10%, it is **99AC58**.

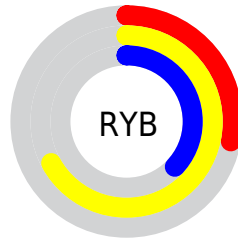
# Distribution



Red (58%)

Green (67%)

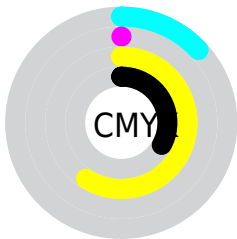
Blue (28%)



Red (28%)

Yellow (67%)

Blue (37%)

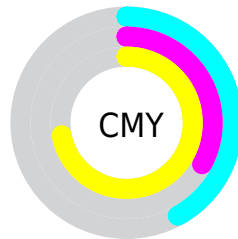


Cyan (13%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95AC47 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 95AC47 by changing the saturation by 10% instead.



 95AC47

 95AC47

FFFFFF

 7A912D

 CDE37B

 5F7810

 EAFF96

 465F00

 FFFFB1

 2D4700

 FFFFCD

 123100

 FFFFEA

 001D00

 000000

 95AC47

 95AC47

 91AC36

 99AC58

 8DAC25

 9DAC69

 89AC13

 A1AC7B

 85AC02

 A5AC8C

 85AC00

 A9AC9D

 ADACAE

 B0ACBF

 B4ACD1

 B8ACE2

# Harmonies

## Analogous

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



C49D3E



95AC47



58B56A

# Triad

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



95AC47



00B5F1



F679AC

# Complementary

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



95AC47



5E47AC

# 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.



D785DA



95AC47



1BAAFF

# Square

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



95AC47



00BACA



9999F9



FB7C7C

# Rectangle

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



95AC47



00B989



9999F9



EF7CBC



# Sweetspot

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



95AC47



D7E0B8



AC5D47



6B7058



F0F0F0



707070



# Same Dimension

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



95AC47



BDE043



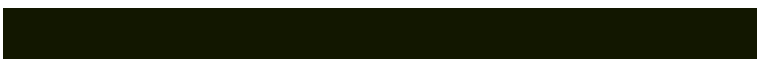
64AC47



55574E



749600



121700



# Inverse Universe

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



5E47AC



6743E0



8F47AC



504E57



220096



050017



# Previews

## White Background



This preview shows how the Hex color 95AC47 looks on a white background.

## Color Contrast Check

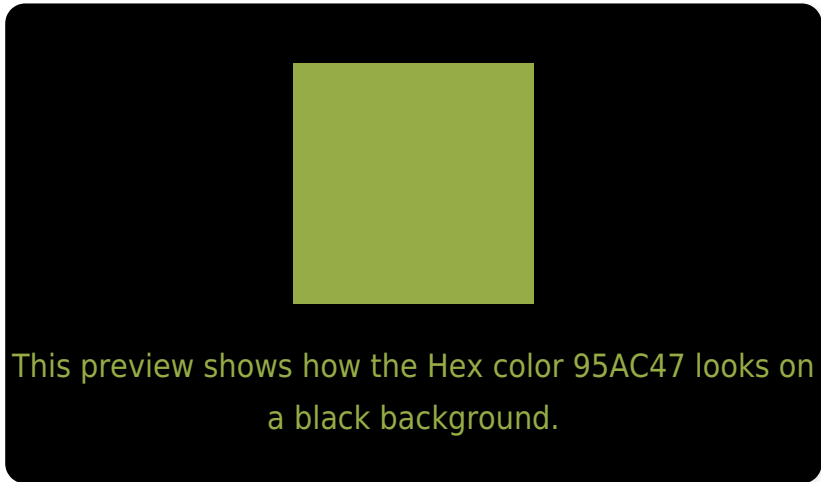
Large Text (above 18pt) WCAG AA × Fail

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 95AC47 Background



This preview shows how black text looks on a background with the Hex color 95AC47.



This preview shows how white text looks on a background with the Hex color 95AC47.

# 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



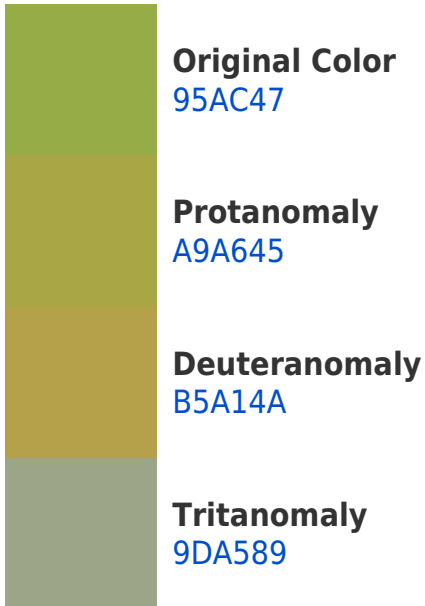
**Original Color**  
95AC47

**Protanopia**  
B4A244

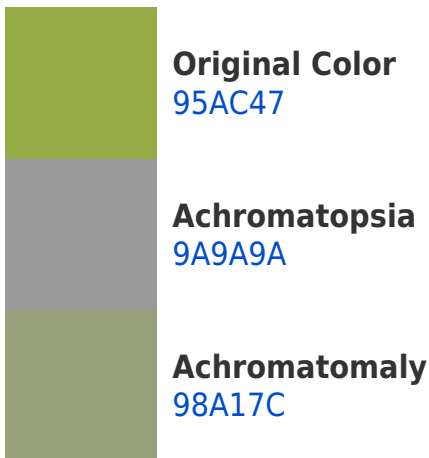
**Deuteranopia**  
C89A4C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95AC47 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 #95AC47 looks like.

```
.text, #text, p{  
    color:#95AC47  
}
```

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 #95AC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95AC47
}
```

## Border

The CSS property to change the border of an element to Hex 95AC47 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
#95AC47 }
```

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

```
.border{ border-color:#95AC47 }
```

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

Here you see how a box with a 4 pixel #95AC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95AC47; -webkit-box-shadow:4px 4px  
4px 4px #95AC47; box-shadow:4px 4px 4px  
4px #95AC47 }
```

# Background

The CSS property to change the background color of an element to Hex 95AC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95AC47 }
```

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

```
.background{ background-color:#95AC47 }
```

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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