

# Converting Colors

Hex(95AA4B)

Have a look what the booklet for  
Hex(95AA4B) contains.

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**Color**

**Hex(95AA4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95AA4B
RGB	149, 170, 75
RGB Percent	58%, 67%, 29%
CMY	0.4157, 0.3333, 0.7059
CMYK	0.12, 0.00, 0.56, 0.33
HSL	73°, 39%, 48%
HSV	73°, 56%, 67%
XYZ	28.0392, 35.6470, 12.0594
YIQ	152.8910, 17.9790, -33.9970

# Conversions

## Conversions Part 2

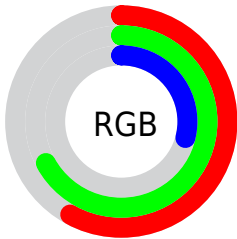
Format	Color
<a href="#">RYB</a>	<a href="#">75, 170, 96</a>
Decimal	<a href="#">9808459</a>
CIELab	<a href="#">66.25, -21.68, 45.76</a>
CIELCh	<a href="#">66, 50.636, 115.345</a>
Yxy	<a href="#">35.6470, 0.3702, 0.4706</a>
Android (android.graphics.Color)	<a href="#">4287998539</a> ( <a href="#">0xFF95AA4B</a> )
YUV	<a href="#">152.8910, -38.4003, -3.4124</a>
Hunter-Lab	<a href="#">59.7051, -20.6555, 29.8181</a>

# Details

The Hex color **95AA4B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **604BAA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CDE17F**, and **607617** is the 20% darker color. If you saturate the color by 10%, you get **91AA3A**, and if you desaturate by 10%, it is **99AA5C**.

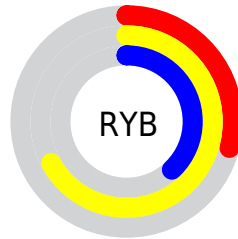
# Distribution



Red (58%)

Green (67%)

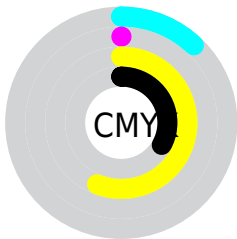
Blue (29%)



Red (29%)

Yellow (67%)

Blue (38%)

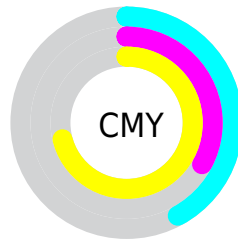


Cyan (12%)

Magenta (0%)

Yellow (56%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95AA4B 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 95AA4B by changing the saturation by 10% instead.





95AA4B



95AA4B

FFFFFF



7A9032



CDE17F



607617



EAFE9A



465D00



FFFFB5



2E4500



FFFFD1



142F00



FFFEE



001C00



000000



95AA4B



95AA4B



91AA3A



99AA5C

 8DAA29

 9DAA6D

 8AAA18

 A0AA7E

 86AA07

 A4AA8F

 84AA00

 A8AAA0

 ACAAB1

 AFAAC2

 B3AAD3

 B7AAE4

# Harmonies

## Analogous

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



C29C43



95AA4B



5DB36B

# Triad

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



95AA4B



00B3EB



F17BAA

# Complementary

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



95AA4B



604BAA

# 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.



D286D5



95AA4B



30A8FB

# Square

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



95AA4B



00B8C7



9898F3



F57D7D

# Rectangle

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



95AA4B



18B788



9898F3



EA7DB9



# Sweetspot

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



95AA4B



D6DEB8



AA604B



6B705A



F0F0F0



707070



# Same Dimension

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



95AA4B



BDDE49



66AA4B



52544C



739400



101400



# Inverse Universe

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



604BAA



6A49DE



8F4BAA



4E4C54



210094



050014



# Previews

## White Background



This preview shows how the Hex color 95AA4B looks on a white background.

## Color Contrast Check

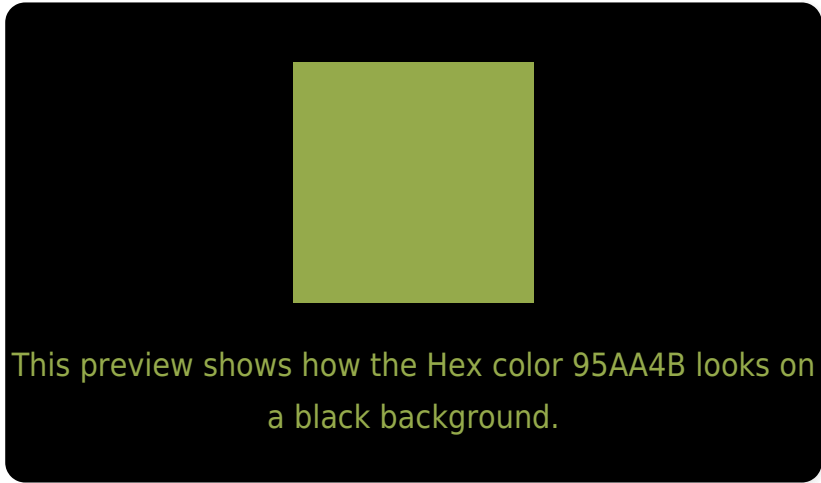
Large Text (above 18pt) WCAG AA × Fail

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 95AA4B Background



This preview shows how black text looks on a background with the Hex color 95AA4B.



This preview shows how white text looks on a background with the Hex color 95AA4B.

# 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



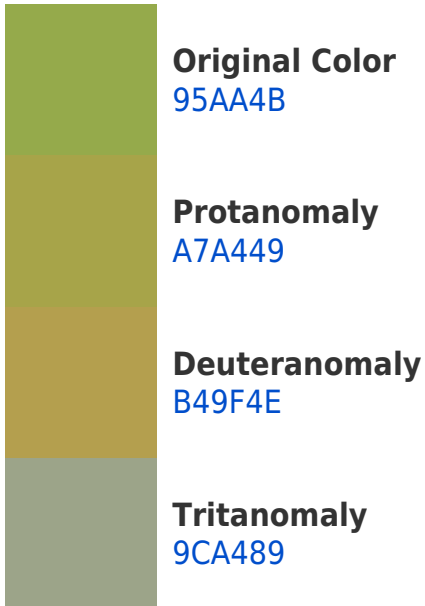
**Original Color**  
95AA4B

**Protanopia**  
B2A148

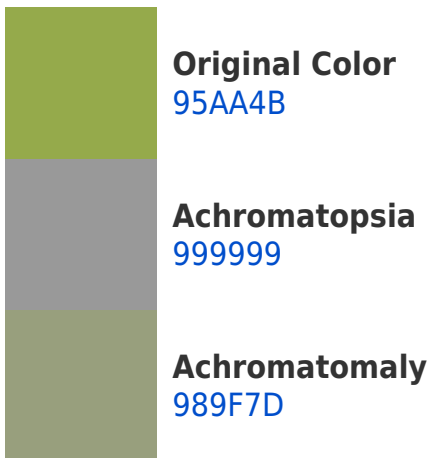
**Deuteranopia**  
C69950



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95AA4B 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 #95AA4B looks like.

```
.text, #text, p{  
    color:#95AA4B  
}
```

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 #95AA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95AA4B
}
```

## Border

The CSS property to change the border of an element to Hex 95AA4B 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
#95AA4B }
```

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

```
.border{ border-color:#95AA4B }
```

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

Here you see how a box with a 4 pixel #95AA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95AA4B; -webkit-box-shadow:4px 4px  
4px 4px #95AA4B; box-shadow:4px 4px 4px  
4px #95AA4B }
```

# Background

The CSS property to change the background color of an element to Hex 95AA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95AA4B }
```

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

```
.background{ background-color:#95AA4B }
```

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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