

# Converting Colors

Hex(95AA79)

Have a look what the booklet for  
Hex(95AA79) contains.

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**Color**

**Hex(95AA79)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 95AA79                     |
| RGB           | 149, 170, 121              |
| RGB Percent   | 58%, 67%, 47%              |
| CMY           | 0.4157, 0.3333, 0.5255     |
| CMYK          | 0.12, 0.00, 0.29, 0.33     |
| HSL           | 86°, 22%, 57%              |
| HSV           | 86°, 29%, 67%              |
| XYZ           | 30.2203, 36.5195, 23.5453  |
| YIQ           | 158.1350, 3.2130, -19.6910 |

# Conversions

## Conversions Part 2

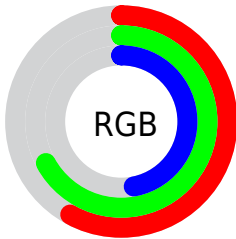
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 121, 170, 142                  |
| Decimal                             | 9808505                        |
| CIELab                              | 66.91, -16.13, 22.91           |
| CIElCh                              | 67, 28.019, 125.143            |
| Yxy                                 | 36.5195, 0.3347,<br>0.4045     |
| Android<br>(android.graphics.Color) | 4287998585<br>(0xFF95AA79)     |
| YUV                                 | 158.1350, -18.3076,<br>-8.0114 |
| Hunter-Lab                          | 60.4314, -16.4911,<br>19.2013  |

# Details

The Hex color **95AA79** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8E79AA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCE1AE**, and **627648** is the 20% darker color. If you saturate the color by 10%, you get **8EAA68**, and if you desaturate by 10%, it is **9CAA8A**.

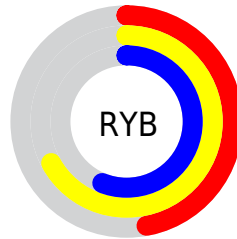
# Distribution



Red (58%)

Green (67%)

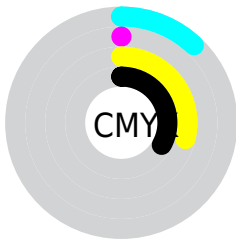
Blue (47%)



Red (47%)

Yellow (67%)

Blue (56%)

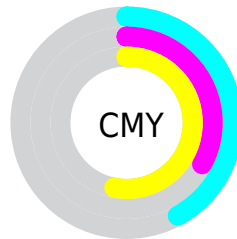


Cyan (12%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95AA79 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 95AA79 by changing the saturation by 10% instead.





95AA79



95AA79

FFFFFF



7B8F60



CCE1AE



627648



E8FEC9



495D31



FFFFE5



32451B



1C2F03



001B00



000000



95AA79



95AA79



8EAA68



9CAA8A

86AA57

A4AA9B

7FAA46

ABAAAC

78AA35

B2AABD

71AA24

B9AACE

69AA13

C1AADF

62AA02

C8AAF0

61AA00

CFAAFF

D7AAFF

# Harmonies

## Analogous

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



B0A370



95AA79



78AF8D

# Triad

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



95AA79



66ABD0



D4909F

# Complementary

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



95AA79



8E79AA

# 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.



C793B9



95AA79



89A4D5

# Square

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



95AA79



53B0BF



AC9BCC



D49387

# Rectangle

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



95AA79



65B19E



AC9BCC



D190A8

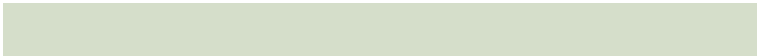


# Sweetspot

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



95AA79



D5DECA



AA8D79



6B7064



F0F0F0



707070



# Same Dimension

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



95AA79



BDDE90



7DAA79



51544C



559400



0C1400



# Inverse Universe

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



8E79AA



B190DE



A679AA



4F4C54



3F0094



090014



# Previews

## White Background



This preview shows how the Hex color 95AA79 looks on a white background.

## Color Contrast Check

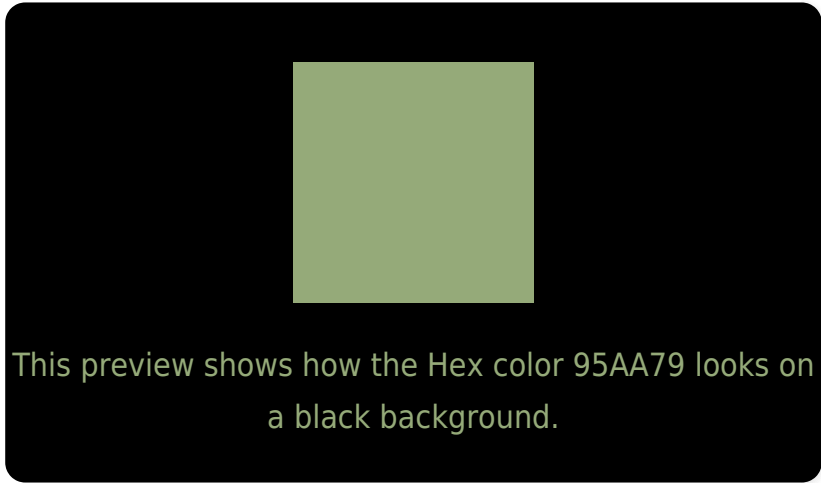
Large Text (above 18pt) WCAG AA × Fail

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

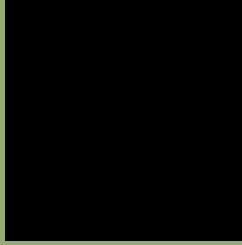
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

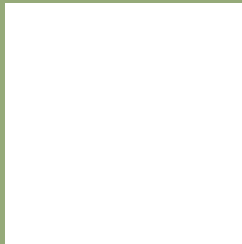
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95AA79 Background



This preview shows how black text looks on a background with the Hex color 95AA79.

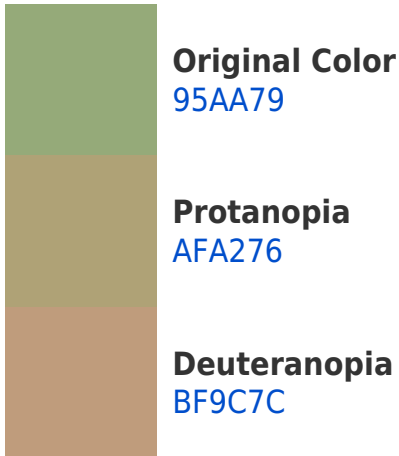


This preview shows how white text looks on a background with the Hex color 95AA79.

# 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](#).

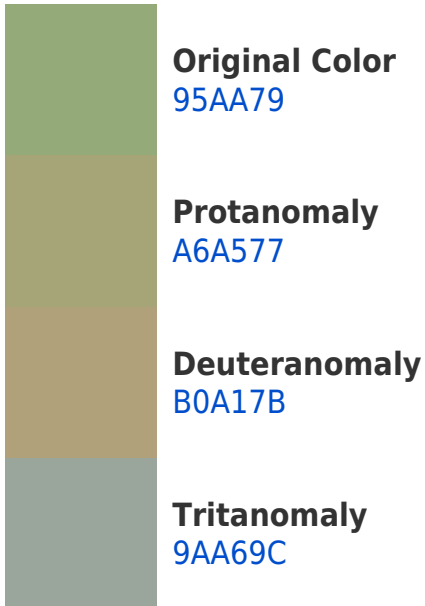
## Dichromacy



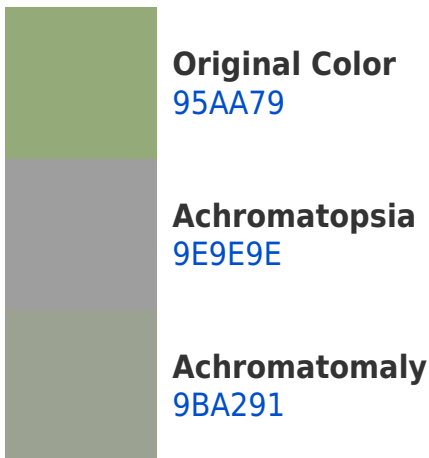


**Tritanopia**  
9DA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95AA79 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 #95AA79 looks like.

```
.text, #text, p{  
    color:#95AA79  
}
```

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 #95AA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95AA79
}
```

## Border

The CSS property to change the border of an element to Hex 95AA79 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
#95AA79 }
```

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

```
.border{ border-color:#95AA79 }
```

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

Here you see how a box with a 4 pixel #95AA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95AA79; -webkit-box-shadow:4px 4px  
4px 4px #95AA79; box-shadow:4px 4px 4px  
4px #95AA79 }
```

# Background

The CSS property to change the background color of an element to Hex 95AA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95AA79 }
```

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

```
.background{ background-color:#95AA79 }
```

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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