

# Converting Colors

Hex(95BA7A)

Have a look what the booklet for  
Hex(95BA7A) contains.

<b>Hex(95BA7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(95BA7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BA7A
RGB	149, 186, 122
RGB Percent	58%, 73%, 48%
CMY	0.4157, 0.2706, 0.5216
CMYK	0.20, 0.00, 0.34, 0.27
HSL	95°, 32%, 60%
HSV	95°, 34%, 73%
XYZ	33.4662, 42.9125, 24.9314
YIQ	167.6410, -1.5080, -27.7480

# Conversions

## Conversions Part 2

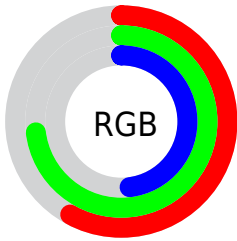
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 186, 159</a>
Decimal	<a href="#">9812602</a>
CIELab	<a href="#">71.50, -24.07, 28.50</a>
CIELCh	<a href="#">71, 37.301, 130.182</a>
Yxy	<a href="#">42.9125, 0.3303, 0.4236</a>
Android (android.graphics.Color)	<a href="#">4288002682 (0xFF95BA7A)</a>
YUV	<a href="#">167.6410, -22.5010, -16.3482</a>
Hunter-Lab	<a href="#">65.5076, -23.4473, 23.2903</a>

# Details

The Hex color **95BA7A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9F7ABA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CCF2AF**, and **618548** is the 20% darker color. If you saturate the color by 10%, you get **8ABA67**, and if you desaturate by 10%, it is **A0BA8D**.

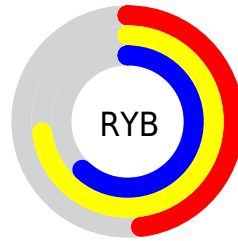
# Distribution



Red (58%)

Green (73%)

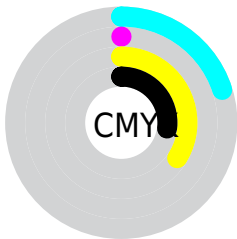
Blue (48%)



Red (48%)

Yellow (73%)

Blue (62%)

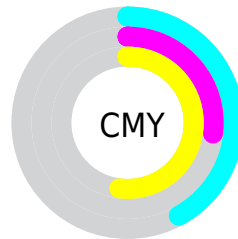


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95BA7A 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 95BA7A by changing the saturation by 10% instead.



 95BA7A

 95BA7A

FFFFFF

 7B9F61

 CCF2AF

 618548

 E8FFCB

 486B31

 FFFFE7

 30531A

 183B02

 002600

 000A00

 000000

 95BA7A

 95BA7A

8ABA67

A0BA8D

7FBA55

ABBA9F

75BA42

B5BAB2

6ABA30

C0BAC4

5FBA1D

CBBAD7

54BA0A

D6BAEA

4EBA00

E0BAFC

EBBAFF

F6BAFF

# Harmonies

## Analogous

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



BAB16B



95BA7A



6BC097

# Triad

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



95BA7A



58B9EE



F195A5

# Complementary

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



95BA7A



9F7ABA

# 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.



E398C7



95BA7A



91AEF2

# Square

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



95BA7A



28BFDA



C2A2E3



ED9A85

# Rectangle

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



95BA7A



4DC1AE



C2A2E3



EF95B0

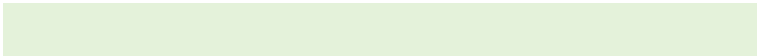


# Sweetspot

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



95BA7A



E4F2DA



BA9E7A



727A6C



F9FAFA



7A7A7A

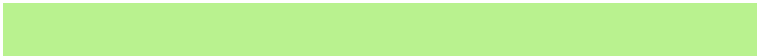


# Same Dimension

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



95BA7A



B9F28F



7ABA7E



565C53



429C00



0C1C00



# Inverse Universe

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



9F7ABA



C88FF2



BA7AB6



58535C



5A009C



10001C



# Previews

## White Background



This preview shows how the Hex color 95BA7A looks on a white background.

## Color Contrast Check

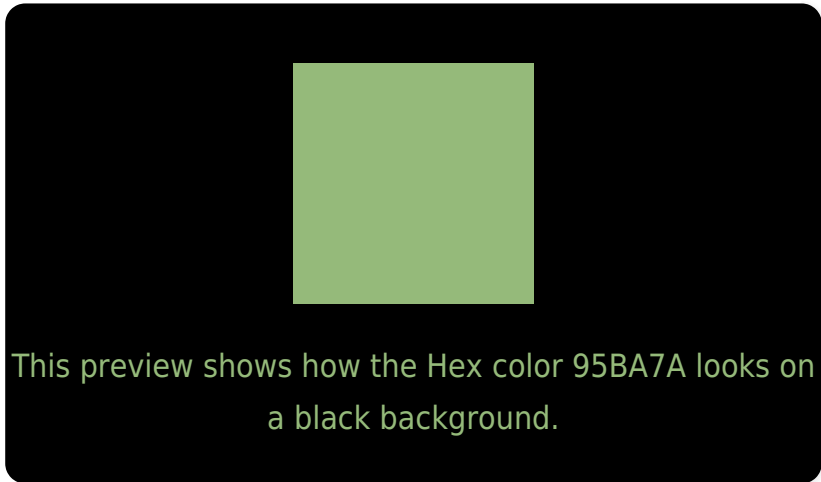
Large Text (above 18pt) WCAG AA × Fail

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 95BA7A Background



This preview shows how black text looks on a background with the Hex color 95BA7A.

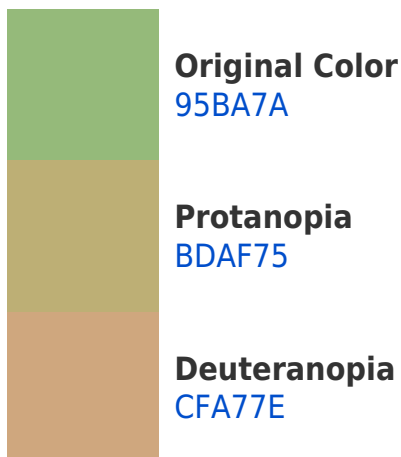


This preview shows how white text looks on a background with the Hex color 95BA7A.

# 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](#).

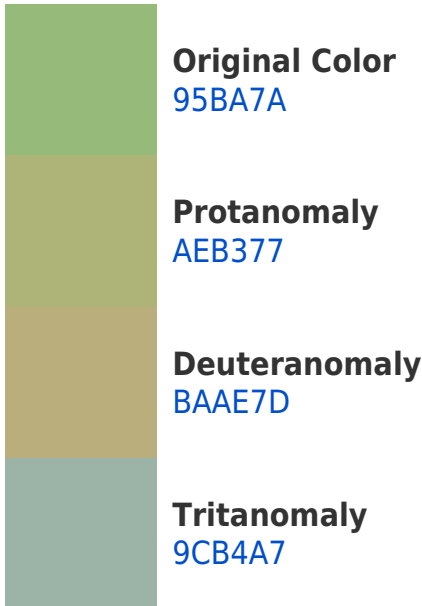
## Dichromacy



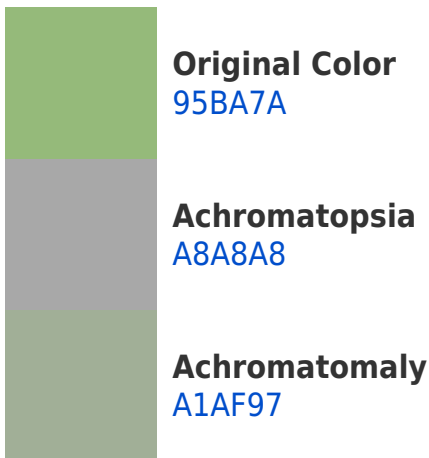


**Tritanopia**  
A0B1C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95BA7A 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 #95BA7A looks like.

```
.text, #text, p{  
    color:#95BA7A  
}
```

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 #95BA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BA7A
}
```

## Border

The CSS property to change the border of an element to Hex 95BA7A 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
#95BA7A }
```

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

```
.border{ border-color:#95BA7A }
```

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

Here you see how a box with a 4 pixel #95BA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BA7A; -webkit-box-shadow:4px 4px  
4px 4px #95BA7A; box-shadow:4px 4px 4px  
4px #95BA7A }
```

# Background

The CSS property to change the background color of an element to Hex 95BA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BA7A }
```

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

```
.background{ background-color:#95BA7A }
```

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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