

# Converting Colors

Hex(95BB83)

Have a look what the booklet for  
Hex(95BB83) contains.

<b>Hex(95BB83)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(95BB83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BB83
RGB	149, 187, 131
RGB Percent	58%, 73%, 51%
CMY	0.4157, 0.2667, 0.4863
CMYK	0.20, 0.00, 0.30, 0.27
HSL	101°, 29%, 62%
HSV	101°, 30%, 73%
XYZ	34.2615, 43.5689, 28.0766
YIQ	169.2540, -4.6720, -25.4720

# Conversions

## Conversions Part 2

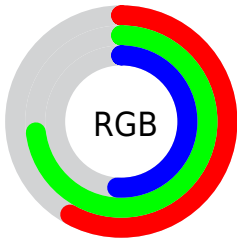
Format	Color
<a href="#">RYB</a>	<a href="#">131, 187, 169</a>
Decimal	<a href="#">9812867</a>
<a href="#">CIELab</a>	<a href="#">71.94, -23.21, 24.32</a>
<a href="#">CIELCh</a>	<a href="#">72, 33.615, 133.656</a>
<a href="#">Yxy</a>	<a href="#">43.5689, 0.3235, 0.4114</a>
Android (android.graphics.Color)	<a href="#">4288002947</a> ( <a href="#">0xFF95BB83</a> )
<a href="#">YUV</a>	<a href="#">169.2540, -18.8592, -17.7628</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.0067, -22.8595, 20.9852</a>

# Details

The Hex color **95BB83** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A983BB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CCF3B8**, and **618651** is the 20% darker color. If you saturate the color by 10%, you get **88BB70**, and if you desaturate by 10%, it is **A2BB96**.

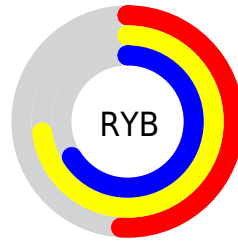
# Distribution



Red (58%)

Green (73%)

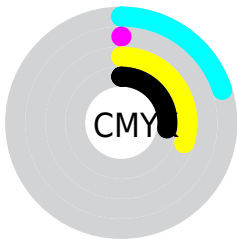
Blue (51%)



Red (51%)

Yellow (73%)

Blue (66%)

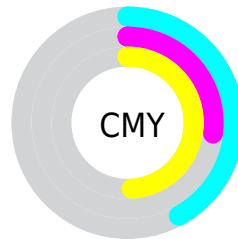


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95BB83 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 95BB83 by changing the saturation by 10% instead.



 95BB83

 95BB83

FFFFFF

 7BA06A

 CCF3B8

 618651

 E8FFD4

 486C39

 FFFFF1

 305423

 193C0D

 032600

 000D00

 000000

 95BB83

 95BB83

 88BB70

 A2BB96

 7CBB5E

 AEBBA8

 6FBB4B

 BBBBBB

 62BB38

 C8BBCE

 56BB25

 D4BBE0

 49BB13

 E1BBF3

 3CBB00

 EEBBFF

 FBBBFF

 FFBBFF

# Harmonies

## Analogous

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



B7B374



95BB83



70C09E

# Triad

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



95BB83



6DB8EB



ED99A3

# Complementary

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



95BB83



A983BB

# 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.



E29BC2



95BB83



9CAEEC

# Square

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



95BB83



49BFDA



C6A3DD



E89F87

# Rectangle

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



95BB83



59C1B3



C6A3DD



EB99AE

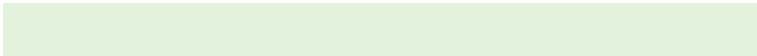


# Sweetspot

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



95BB83



E3F2DC



BBA883



717A6D



FAFAFA



7A7A7A

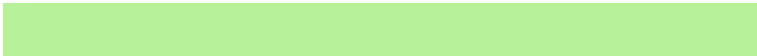


# Same Dimension

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



95BB83



B7F29B



83BB8C



585E55



339E00



0A1F00



# Inverse Universe

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



A983BB



D69BF2



BB83B2



5B555E



6B009E



15001F



# Previews

## White Background



This preview shows how the Hex color 95BB83 looks on a white background.

## Color Contrast Check

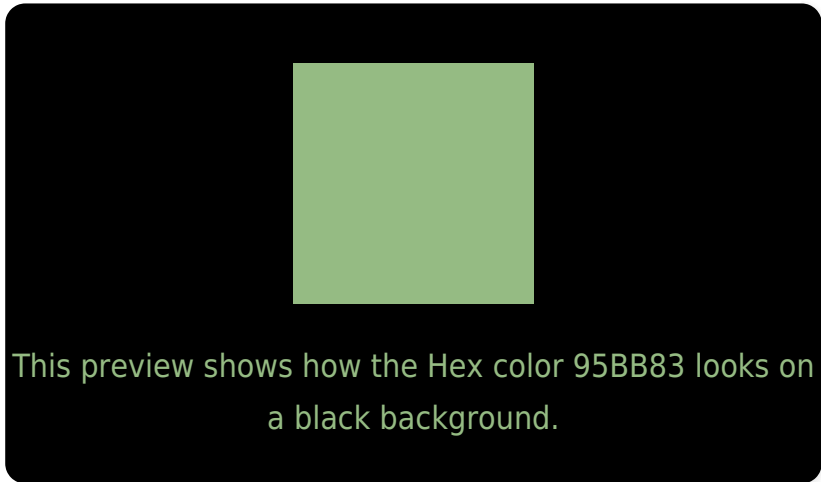
Large Text (above 18pt) WCAG AA × Fail

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

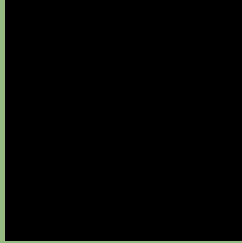
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95BB83 Background



This preview shows how black text looks on a background with the Hex color 95BB83.

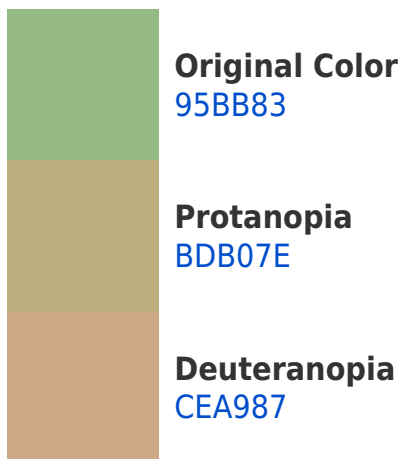


This preview shows how white text looks on a background with the Hex color 95BB83.

# 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



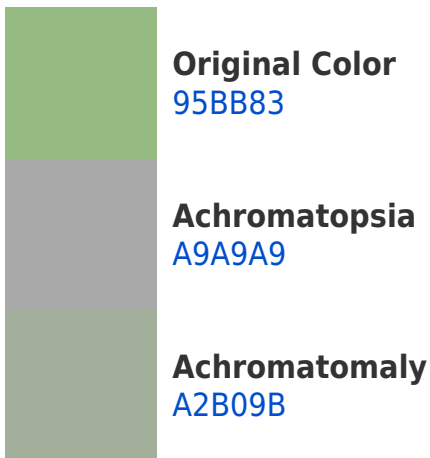


**Tritanopia**  
9FB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95BB83 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 #95BB83 looks like.

```
.text, #text, p{  
    color:#95BB83  
}
```

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 #95BB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BB83  
}
```

## Border

The CSS property to change the border of an element to Hex 95BB83 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  
#95BB83 }
```

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

```
.border{ border-color:#95BB83 }
```

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

Here you see how a box with a 4 pixel #95BB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BB83; -webkit-box-shadow:4px 4px  
4px 4px #95BB83; box-shadow:4px 4px 4px  
4px #95BB83 }
```

# Background

The CSS property to change the background color of an element to Hex 95BB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BB83 }
```

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

```
.background{ background-color:#95BB83 }
```

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