

# Converting Colors

Hex(95B87E)

Have a look what the booklet for  
Hex(95B87E) contains.

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**Color**

**Hex(95B87E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95B87E
RGB	149, 184, 126
RGB Percent	58%, 72%, 49%
CMY	0.4157, 0.2784, 0.5059
CMYK	0.19, 0.00, 0.32, 0.28
HSL	96°, 29%, 61%
HSV	96°, 32%, 72%
XYZ	33.3008, 42.1769, 26.1245
YIQ	166.9230, -2.2420, -25.4580

# Conversions

## Conversions Part 2

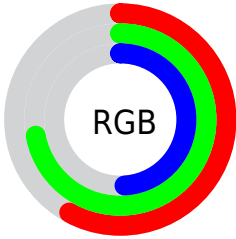
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 184, 161
Decimal	9812094
CIELab	70.99, -22.48, 25.71
CIELCh	71, 34.153, 131.168
Yxy	42.1769, 0.3278, 0.4151
Android (android.graphics.Color)	4288002174 (0xFF95B87E)
YUV	166.9230, -20.1750, -15.7185
Hunter-Lab	64.9437, -22.1232, 21.6104

# Details

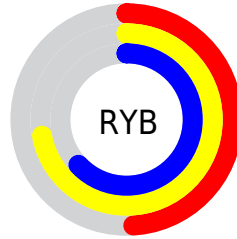
The Hex color **95B87E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A17EB8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CCF0B3**, and **61834C** is the 20% darker color. If you saturate the color by 10%, you get **8AB86C**, and if you desaturate by 10%, it is **A0B890**.

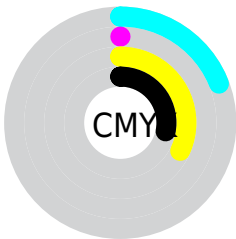
# Distribution



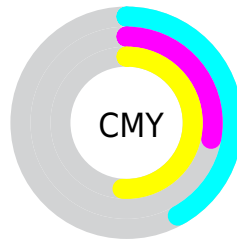
- Red (58%)
- Green (72%)
- Blue (49%)



- Red (49%)
- Yellow (72%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95B87E 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 95B87E by changing the saturation by 10% instead.



 95B87E

 95B87E

FFFFFF

 7B9D65


 CCF0B3

 61834C

 E8FFCF

 486A35

 FFFFEB

 31511E

 193A07

 012400

 000700

 000000

 95B87E

 95B87E

 8AB86C

 A0B890

 7FB859

 ABB8A3

 74B847

 B6B8B5

 69B834

 C1B8C8

 5DB822

 CDB8DA

 52B810

 D8B8EC

 49B800

 E3B8FF

 EEB8FF

 F9B8FF

# Harmonies

## Analogous

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



B7B070



95B87E



70BD99

# Triad

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



95B87E



64B6E8



EB96A3

# Complementary

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



95B87E



A17EB8

# 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.



DE99C3



95B87E



95ADEA

# Square

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



95B87E



41BDD6



C1A2DD



E79B86

# Rectangle

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



95B87E



57BFAE



C1A2DD



E996AE



# Sweetspot

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



95B87E



E3F0DA



B8A17E



70786B



F7F7F7



787878



# Same Dimension

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



95B87E



B9F095



7EB884



565C53



3E9C00



0B1C00



# Inverse Universe

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



A17EB8



CC95F0



B87EB2



58535C



5E009C



11001C



# Previews

## White Background



This preview shows how the Hex color 95B87E looks on a white background.

## Color Contrast Check

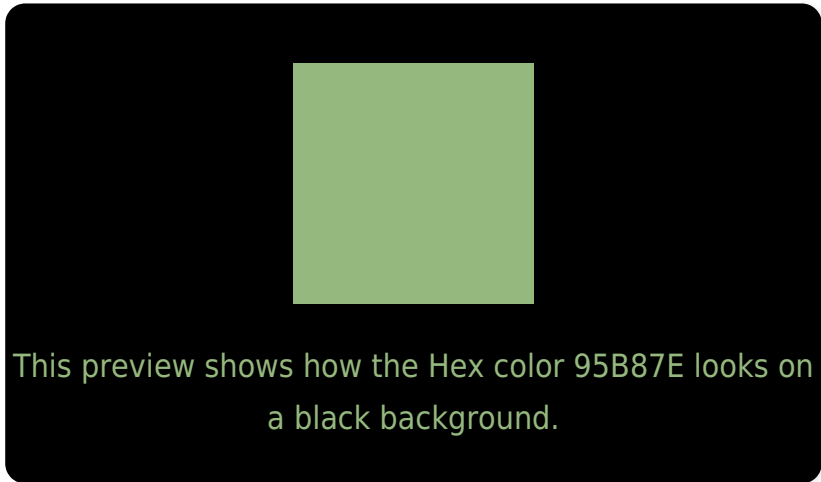
Large Text (above 18pt) WCAG AA × Fail

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

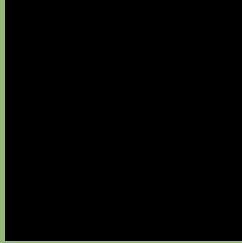
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95B87E Background



This preview shows how black text looks on a background with the Hex color 95B87E.

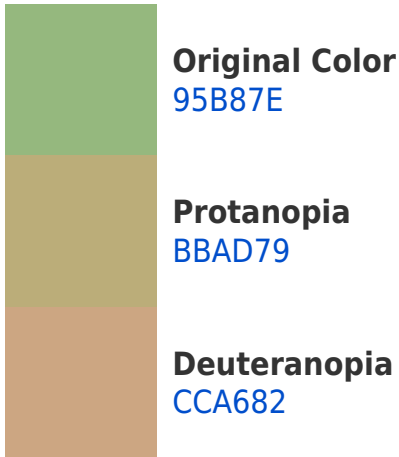


This preview shows how white text looks on a background with the Hex color 95B87E.

# 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](#).

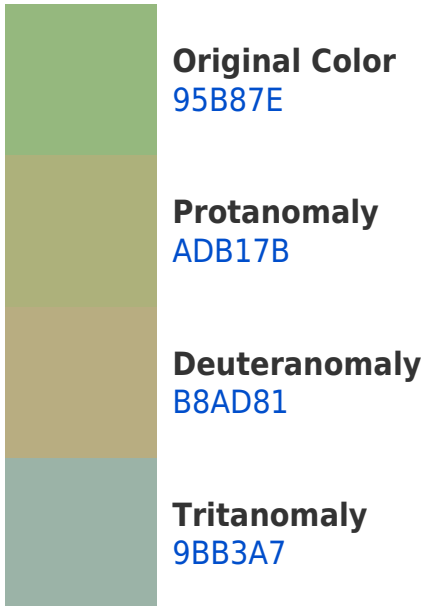
## Dichromacy



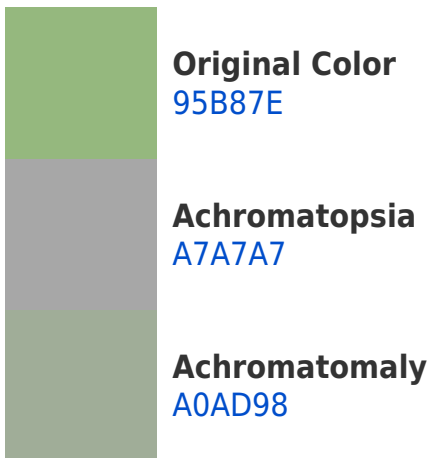


**Tritanopia**  
9FB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95B87E 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 #95B87E looks like.

```
.text, #text, p{  
    color:#95B87E  
}
```

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 #95B87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B87E
}
```

## Border

The CSS property to change the border of an element to Hex 95B87E 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
#95B87E }
```

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

```
.border{ border-color:#95B87E }
```

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

Here you see how a box with a 4 pixel #95B87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B87E; -webkit-box-shadow:4px 4px  
4px 4px #95B87E; box-shadow:4px 4px 4px  
4px #95B87E }
```

# Background

The CSS property to change the background color of an element to Hex 95B87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B87E }
```

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

```
.background{ background-color:#95B87E }
```

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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