

# Converting Colors

Hex(90B97B)

Have a look what the booklet for  
Hex(90B97B) contains.

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**Color**

**Hex(90B97B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90B97B
RGB	144, 185, 123
RGB Percent	56%, 73%, 48%
CMY	0.4353, 0.2745, 0.5176
CMYK	0.22, 0.00, 0.34, 0.27
HSL	100°, 31%, 60%
HSV	100°, 34%, 73%
XYZ	32.4257, 42.0573, 25.1477
YIQ	165.6730, -4.5340, -27.9740

# Conversions

## Conversions Part 2

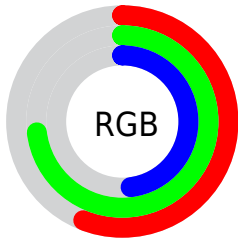
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 185, 164
Decimal	9484667
CIELab	70.91, -25.24, 27.14
CIELCh	71, 37.062, 132.929
Yxy	42.0573, 0.3255, 0.4221
Android (android.graphics.Color)	4287674747 (0xFF90B97B)
YUV	165.6730, -21.0378, -19.0072
Hunter-Lab	64.8516, -24.2405, 22.4050

# Details

The Hex color **90B97B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A47BB9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C7F1B0**, and **5C8449** is the 20% darker color. If you saturate the color by 10%, you get **84B969**, and if you desaturate by 10%, it is **9CB98E**.

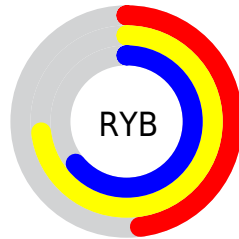
# Distribution



Red (56%)

Green (73%)

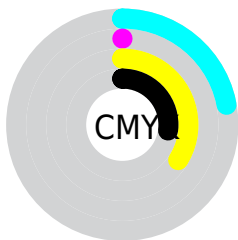
Blue (48%)



Red (48%)

Yellow (73%)

Blue (64%)

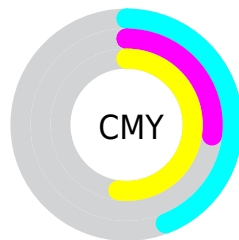


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (44%)

Magenta (27%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90B97B 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 90B97B by changing the saturation by 10% instead.



 90B97B

 90B97B

FFFFFF

 769E62

 C7F1B0

 5C8449

 E3FFCC

 436A32

 FFFFE8

 2B521B

 133B03

 002500

 000600

 000000

 90B97B

 90B97B

 84B969

 9CB98E

 78B956

 A8B9A0

 6BB944

 B5B9B3

 5FB931

 C1B9C5

 53B91E

 CDB9D8

 47B90C

 D9B9EA

 3FB900

 E6B9FD

 F2B9FF

 FEB9FF

# Harmonies

## Analogous

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



B6B06B



90B97B



66BE99

# Triad

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



90B97B



5CB6ED



F094A0

# Complementary

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



90B97B



A47BB9

# 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.



E396C2



90B97B



95ACEF

# Square

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



90B97B



2ABDDA



C4A0DF



EA9A81

# Rectangle

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



90B97B



48C0B0



C4A0DF



EE93AB

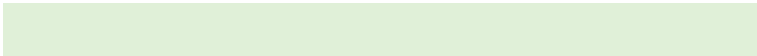


# Sweetspot

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



90B97B



E0F0D8



B9A37B



6E7869



F7F7F7



787878



# Same Dimension

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



90B97B



B0F090



7BB984



565C53



359C00



0A1C00



# Inverse Universe

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



A47BB9



CF90F0



B97BB0



59535C



67009C



13001C



# Previews

## White Background



This preview shows how the Hex color 90B97B looks on a white background.

## Color Contrast Check

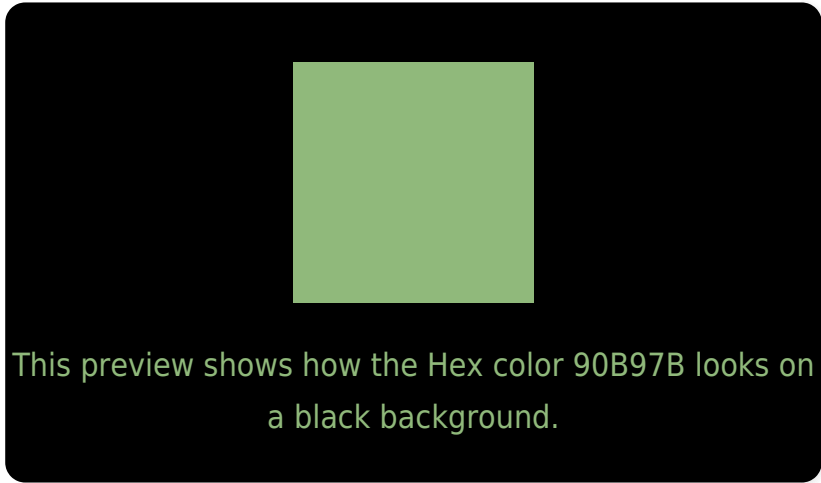
Large Text (above 18pt) WCAG AA × Fail

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

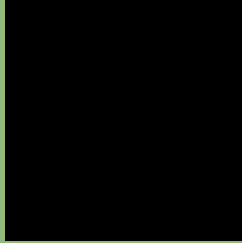
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90B97B Background



This preview shows how black text looks on a background with the Hex color 90B97B.

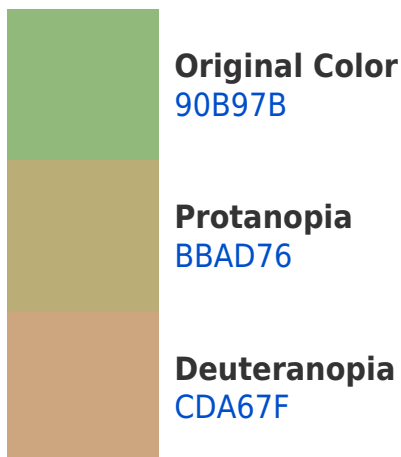


This preview shows how white text looks on a background with the Hex color 90B97B.

# 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](#).

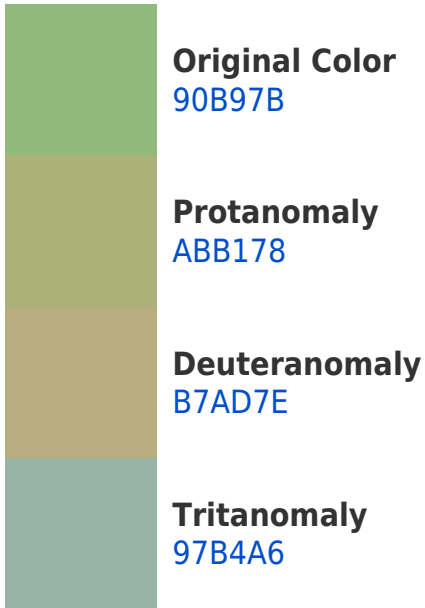
## Dichromacy



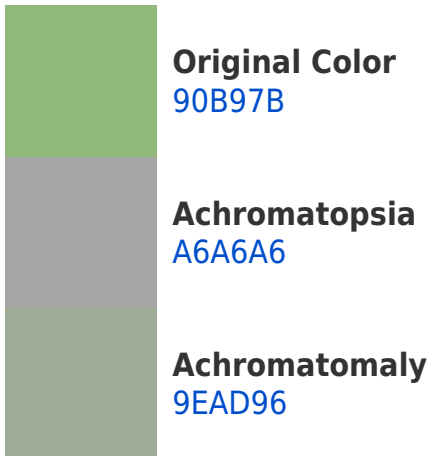


**Tritanopia**  
9BB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90B97B 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 #90B97B looks like.

```
.text, #text, p{  
    color:#90B97B  
}
```

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 #90B97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B97B
}
```

## Border

The CSS property to change the border of an element to Hex 90B97B 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
#90B97B }
```

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

```
.border{ border-color:#90B97B }
```

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

Here you see how a box with a 4 pixel #90B97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B97B; -webkit-box-shadow:4px 4px  
4px 4px #90B97B; box-shadow:4px 4px 4px  
4px #90B97B }
```

# Background

The CSS property to change the background color of an element to Hex 90B97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B97B }
```

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

```
.background{ background-color:#90B97B }
```

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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