

# Converting Colors

Hex(97BE97)

Have a look what the booklet for  
Hex(97BE97) contains.

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# **Color**

**Hex(97BE97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97BE97
RGB	151, 190, 151
RGB Percent	59%, 75%, 59%
CMY	0.4078, 0.2549, 0.4078
CMYK	0.21, 0.00, 0.21, 0.25
HSL	120°, 23%, 67%
HSV	120°, 21%, 75%
XYZ	36.7619, 45.6406, 36.1501
YIQ	173.8930, -10.7250, -20.3970

# Conversions

## Conversions Part 2

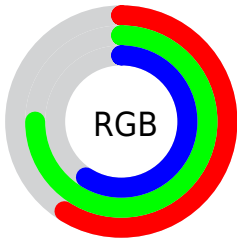
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 190, 190
Decimal	9944727
CIELab	73.31, -20.67, 15.50
CIELCh	73, 25.832, 143.135
Yxy	45.6406, 0.3101, 0.3850
Android (android.graphics.Color)	4288134807 (0xFF97BE97)
YUV	173.8930, -11.2862, -20.0772
Hunter-Lab	67.5578, -21.0947, 15.5645

# Details

The Hex color **97BE97** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE97BE**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **CEF6CD**, and **638864** is the 20% darker color. If you saturate the color by 10%, you get **84BE84**, and if you desaturate by 10%, it is **AABEAA**.

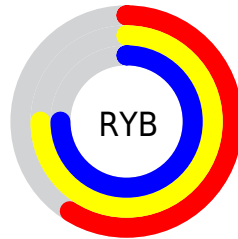
# Distribution



Red (59%)

Green (75%)

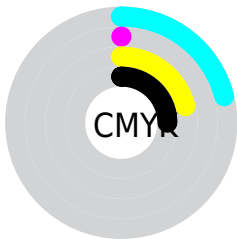
Blue (59%)



Red (59%)

Yellow (75%)

Blue (75%)

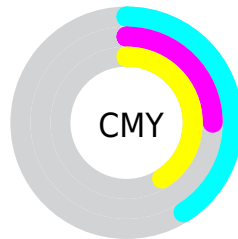


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (41%)

Magenta (25%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97BE97 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 97BE97 by changing the saturation by 10% instead.



 97BE97

 97BE97

FFFFFF

 7DA37D

 CEF6CD

 638864

 EAFFEA

 4B6F4C

 335635

 1C3F1F

 062909

 001400

 000000

 97BE97

 97BE97

 84BE84

 AABEAA

 71BE71

 BDBEBD

 5EBE5E

 D0BED0

 4BBE4B

 E3BEE3

 38BE38

 F6BEF6

 25BE25

 FFBEFF

 12BE12

 00BE00

# Harmonies

## Analogous

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



B2B888



97BE97



7EC1AE

# Triad

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



97BE97



90B8E3



E4A4A3

# Complementary

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



97BE97



BE97BE

# 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.



DFA3BA



97BE97



B1B0DF

# Square

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



97BE97



76BED9



CDA8D1



DDA98F

# Rectangle

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



97BE97



72C1BE



CDA8D1



E4A3AA



# Sweetspot

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



97BE97



E9F7E9



BEBE97



747D74



FCFCFC



7D7D7D

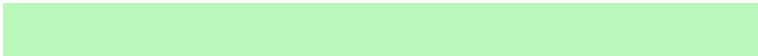


# Same Dimension

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



97BE97



BAF7BA



97BEAB



555E55



009E00



001F00



# Inverse Universe

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



BE97BE



F7BAF7



BE97AB



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color 97BE97 looks on a white background.

## Color Contrast Check

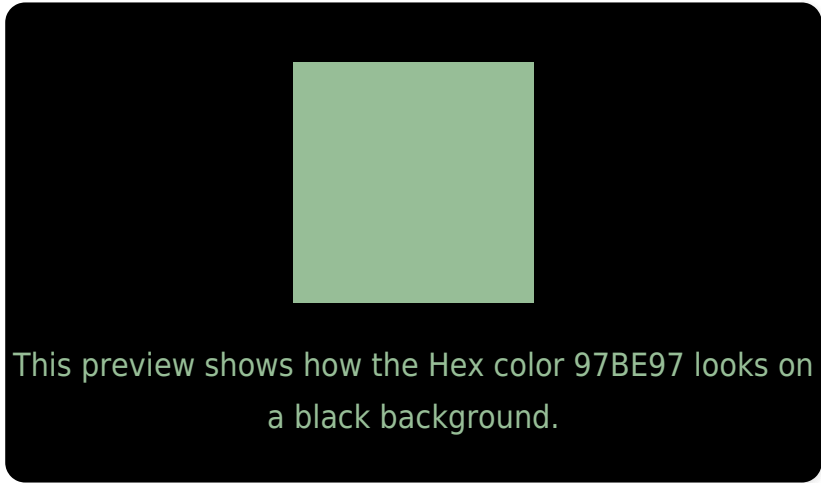
Large Text (above 18pt) WCAG AA × Fail

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

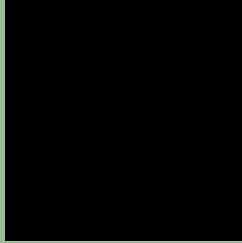
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97BE97 Background



This preview shows how black text looks on a background with the Hex color 97BE97.

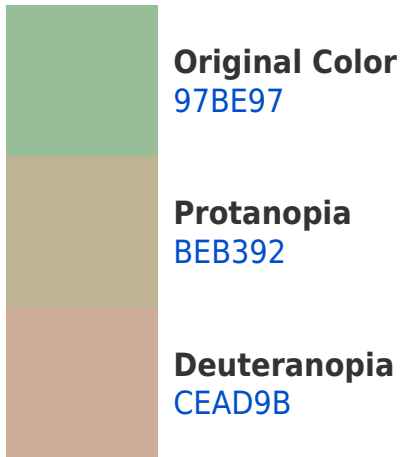


This preview shows how white text looks on a background with the Hex color 97BE97.

# 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](#).

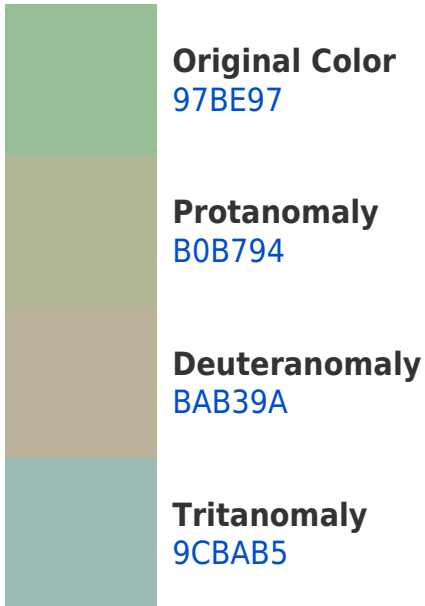
## Dichromacy





**Tritanopia**  
9FB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97BE97 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 #97BE97 looks like.

```
.text, #text, p{  
    color:#97BE97  
}
```

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 #97BE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BE97
}
```

## Border

The CSS property to change the border of an element to Hex 97BE97 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
#97BE97 }
```

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

```
.border{ border-color:#97BE97 }
```

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

Here you see how a box with a 4 pixel #97BE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BE97; -webkit-box-shadow:4px 4px  
4px 4px #97BE97; box-shadow:4px 4px 4px  
4px #97BE97 }
```

# Background

The CSS property to change the background color of an element to Hex 97BE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BE97 }
```

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

```
.background{ background-color:#97BE97 }
```

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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