

# Converting Colors

Hex(97FBB4)

Have a look what the booklet for  
Hex(97FBB4) contains.

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**Color**

**Hex(97FBB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97FBB4
RGB	151, 251, 180
RGB Percent	59%, 98%, 71%
CMY	0.4078, 0.0157, 0.2941
CMYK	0.40, 0.00, 0.28, 0.02
HSL	137°, 93%, 79%
HSV	137°, 40%, 98%
XYZ	55.4979, 78.8690, 55.4782
YIQ	213.0060, -36.8090, -43.2810

# Conversions

## Conversions Part 2

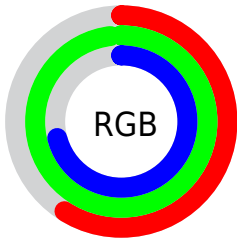
Format	Color
<a href="#">RYB</a>	<a href="#">151, 229, 251</a>
Decimal	<a href="#">9960372</a>
CIELab	<a href="#">91.17, -44.05, 25.04</a>
CIElCh	<a href="#">91, 50.672, 150.382</a>
Yxy	<a href="#">78.8690, 0.2923, 0.4154</a>
Android (android.graphics.Color)	<a href="#">4288150452 (0xFF97FBB4)</a>
YUV	<a href="#">213.0060, -16.2720, -54.3793</a>
Hunter-Lab	<a href="#">88.8082, -43.8664, 25.1275</a>

# Details

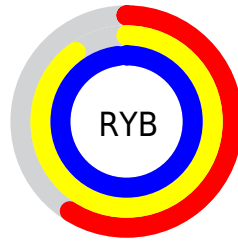
The Hex color **97FBB4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FB97DE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D0FFEC**, and **5FC27F** is the 20% darker color. If you saturate the color by 10%, you get **7EFBA2**, and if you desaturate by 10%, it is **B0FBC6**.

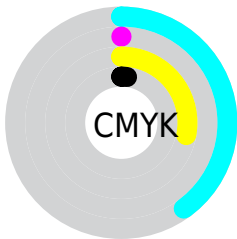
# Distribution



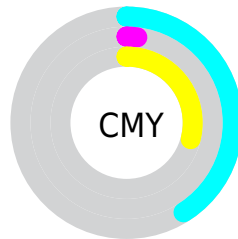
- Red (59%)
- Green (98%)
- Blue (71%)



- Red (59%)
- Yellow (90%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97FBB4 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 97FBB4 by changing the saturation by 10% instead.



 97FBB4

FFFFFF

 D0FFEC

 EEEFFF

 97FBB4

 7BDE99

 5FC27F

 42A665

 218B4D

 007136

 00581F

 004008

 002A00

 000800

 97FBB4

 97FBB4

 7EFBA2

 B0FBC6

 65FB90

 C9FBD8

 4CFB7F

 E2FBE9

 33FB6D

 FBFBBF

 19FB5B

 FFFBFF

 00FB49

# Harmonies

## Analogous

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



D2F190



97FBB4



4CFFE5

# Triad

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



97FBB4



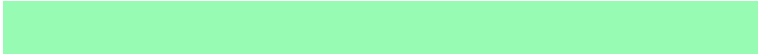
9DEAFF



FFC4B7

# Complementary

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



97FBB4



FB97DE

# 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.



FFBFE7



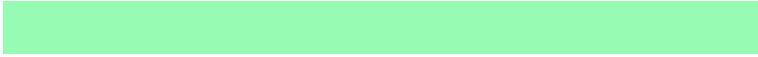
97FBB4



EBD9FF

# Square

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



97FBB4



30F7FF



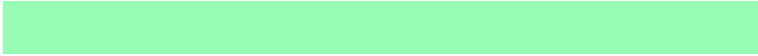
FFC8FF



FFD292

# Rectangle

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



97FBB4



00FFFF



FFC8FF

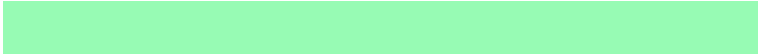


FFC1C6

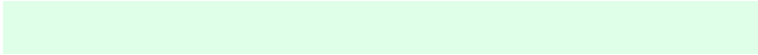


# Sweetspot

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



97FBB4



E0FFE9



DFFB97



6E8073



000000

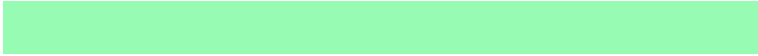


808080



# Same Dimension

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



97FBB4



85FFA8



97FBE5



707D74



00BD37



003D12



# Inverse Universe

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



FB97DE



FF85DC



FB97AD



7D7079



BD0086

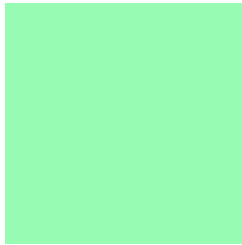


3D002B



# Previews

## White Background



This preview shows how the Hex color 97FBB4 looks on a white background.

## Color Contrast Check

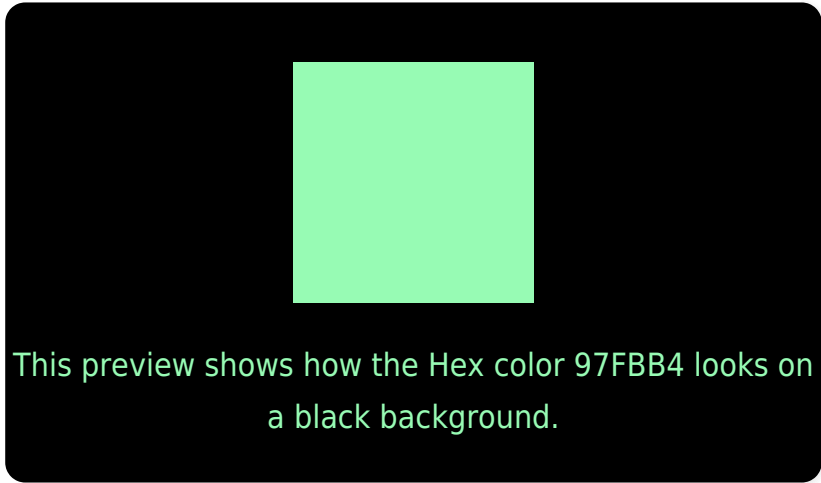
Large Text (above 18pt) WCAG AA × Fail

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

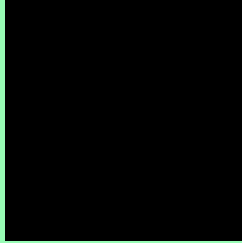
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97FBB4 Background



This preview shows how black text looks on a background with the Hex color 97FBB4.

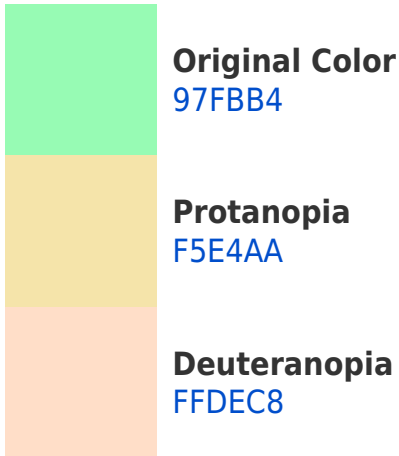


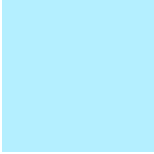
This preview shows how white text looks on a background with the Hex color 97FBB4.

# 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



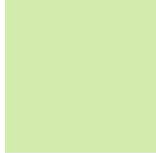


**Tritanopia**  
B4EFFF

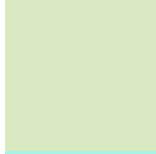
# Trichromacy



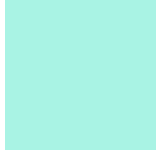
**Original Color**  
97FBB4



**Protanomaly**  
D3ECAE

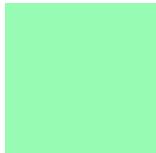


**Deuteranomaly**  
D9E9C1

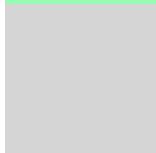


**Tritanomaly**  
A9F3E4

# Monochromacy



**Original Color**  
97FBB4



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
BEE3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97FBB4 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 #97FBB4 looks like.

```
.text, #text, p{  
    color:#97FBB4  
}
```

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 #97FBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97FBB4
}
```

## Border

The CSS property to change the border of an element to Hex 97FBB4 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
#97FBB4 }
```

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

```
.border{ border-color:#97FBB4 }
```

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

Here you see how a box with a 4 pixel #97FBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97FBB4; -webkit-box-shadow:4px 4px  
4px 4px #97FBB4; box-shadow:4px 4px 4px  
4px #97FBB4 }
```

# Background

The CSS property to change the background color of an element to Hex 97FBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97FBB4 }
```

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

```
.background{ background-color:#97FBB4 }
```

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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