

# Converting Colors

Hex(90F7AC)

Have a look what the booklet for  
Hex(90F7AC) contains.

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**Color**

**Hex(90F7AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90F7AC
RGB	144, 247, 172
RGB Percent	56%, 97%, 67%
CMY	0.4353, 0.0314, 0.3255
CMYK	0.42, 0.00, 0.30, 0.03
HSL	136°, 87%, 77%
HSV	136°, 42%, 97%
XYZ	52.2088, 75.4294, 50.8374
YIQ	207.6530, -37.3130, -45.1610

# Conversions

## Conversions Part 2

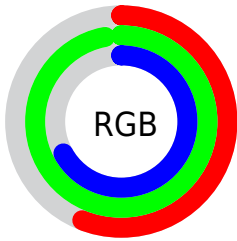
Format	Color
<a href="#">RYB</a>	<a href="#">144, 225, 247</a>
Decimal	<a href="#">9500588</a>
CIELab	<a href="#">89.59, -45.66, 26.90</a>
CIElCh	<a href="#">90, 52.996, 149.495</a>
Yxy	<a href="#">75.4294, 0.2925, 0.4226</a>
Android (android.graphics.Color)	<a href="#">4287690668 (0xFF90F7AC)</a>
YUV	<a href="#">207.6530, -17.5769, -55.8237</a>
Hunter-Lab	<a href="#">86.8501, -44.6848, 26.0899</a>

# Details

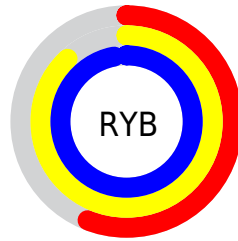
The Hex color **90F7AC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F790DB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C9FFE4**, and **57BE77** is the 20% darker color. If you saturate the color by 10%, you get **77F79A**, and if you desaturate by 10%, it is **A9F7BE**.

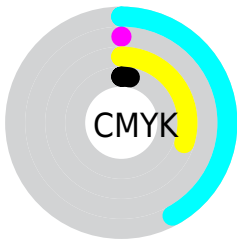
# Distribution



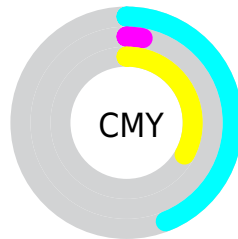
- Red (56%)
- Green (97%)
- Blue (67%)



- Red (56%)
- Yellow (88%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90F7AC 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 90F7AC by changing the saturation by 10% instead.



 90F7AC

FFFFFF

 C9FFE4

 E7FFFF

 90F7AC

 74DA91

 57BE77

 39A25E

 148846

 006E2E

 005418

 003C00

 002700

 000000

 90F7AC

 90F7AC

 77F79A

 A9F7BE

 5FF788

 C1F7D0

 46F776

 DAF7E2

 2DF764

 F3F7F4

 15F752

 FFF7FF

 00F743

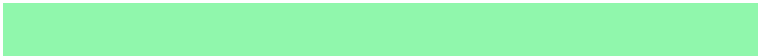
# Harmonies

## Analogous

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



CEED87



90F7AC



36FCDF

# Triad

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



90F7AC



8FE7FF



FFDB2

# Complementary

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



90F7AC



F790DB

# 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.



FFB9E4



90F7AC



E5D4FF

# Square

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



90F7AC



00F4FF



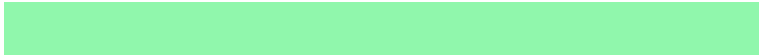
FFC2FF



FFCC8B

# Rectangle

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



90F7AC



00FCFF



FFC2FF

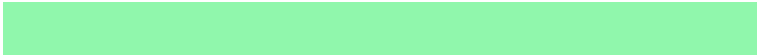


FFBAC2

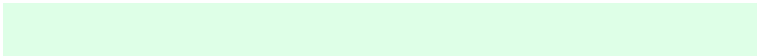


# Sweetspot

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



90F7AC



DEFFE7



DCF790



6B8071



000000

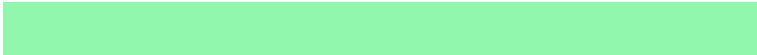


808080



# Same Dimension

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



90F7AC



80FFA2



90F7DF



6E7A71



00BA33



003B10



# Inverse Universe

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



F790DB



FF80DC



F790A8



7A6E77



BA0088

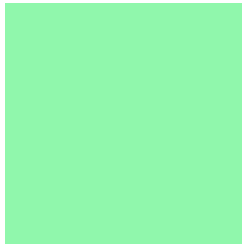


3B002B



# Previews

## White Background



This preview shows how the Hex color 90F7AC 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



This preview shows how the Hex color 90F7AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

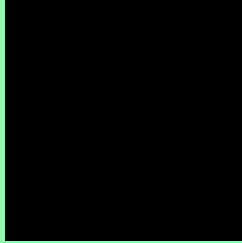
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90F7AC Background



This preview shows how black text looks on a background with the Hex color 90F7AC.

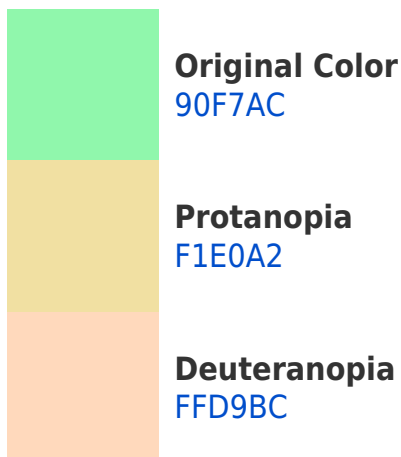


This preview shows how white text looks on a background with the Hex color 90F7AC.

# 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



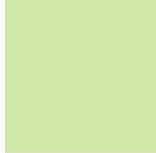


**Tritanopia**  
A3ECFF

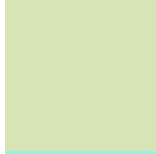
# Trichromacy



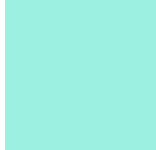
**Original Color**  
90F7AC



**Protanomaly**  
CEE8A6



**Deuteranomaly**  
D7E4B6

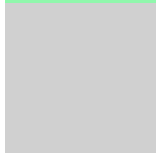


**Tritanomaly**  
9CF0E1

# Monochromacy



**Original Color**  
90F7AC



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
B9DEC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90F7AC 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 #90F7AC looks like.

```
.text, #text, p{  
    color:#90F7AC  
}
```

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 #90F7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F7AC
}
```

## Border

The CSS property to change the border of an element to Hex 90F7AC 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
#90F7AC }
```

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

```
.border{ border-color:#90F7AC }
```

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

Here you see how a box with a 4 pixel #90F7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F7AC; -webkit-box-shadow:4px 4px  
4px 4px #90F7AC; box-shadow:4px 4px 4px  
4px #90F7AC }
```

# Background

The CSS property to change the background color of an element to Hex 90F7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F7AC }
```

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

```
.background{ background-color:#90F7AC }
```

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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