

# Converting Colors

Hex(90FC7D)

Have a look what the booklet for  
Hex(90FC7D) contains.

<b>Hex(90FC7D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(90FC7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90FC7D
RGB	144, 252, 125
RGB Percent	56%, 99%, 49%
CMY	0.4353, 0.0118, 0.5098
CMYK	0.43, 0.00, 0.50, 0.01
HSL	111°, 95%, 74%
HSV	111°, 50%, 99%
XYZ	50.0137, 77.0308, 31.6345
YIQ	205.2300, -23.6010, -62.3930

# Conversions

## Conversions Part 2

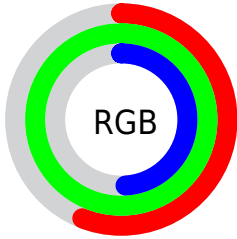
Format	Color
<a href="#">RYB</a>	<a href="#">125, 252, 233</a>
Decimal	<a href="#">9501821</a>
CIELab	<a href="#">90.34, -54.68, 50.87</a>
CIElCh	<a href="#">90, 74.686, 137.065</a>
Yxy	<a href="#">77.0308, 0.3152, 0.4855</a>
Android (android.graphics.Color)	<a href="#">4287691901 (0xFF90FC7D)</a>
YUV	<a href="#">205.2300, -39.5534, -53.6987</a>
Hunter-Lab	<a href="#">87.7672, -51.8752, 40.0668</a>

# Details

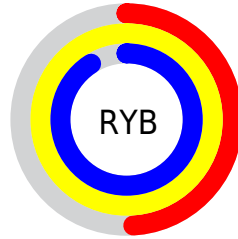
The Hex color **90FC7D** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E97DFC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CBFFB4**, and **55C348** is the 20% darker color. If you saturate the color by 10%, you get **7BFC64**, and if you desaturate by 10%, it is **A5FC96**.

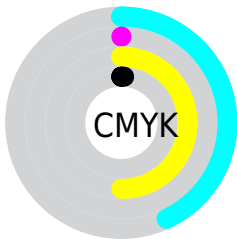
# Distribution



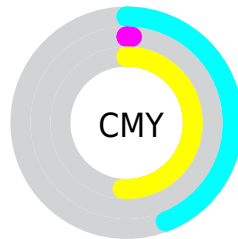
- Red (56%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (91%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90FC7D 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 90FC7D by changing the saturation by 10% instead.



 90FC7D

 90FC7D

FFFFFF

 73DF62

 CBFFB4

 55C348

 E8FFD0

 35A72D

 FFFFED

 008C0D

 007100

 005800

 003F00

 002900

 000200

 90FC7D

 90FC7D

 7BFC64

 A5FC96

 65FC4B

 BBFCAF

 50FC31

 D0FCC9

 3AFC18

 E6FCE2

 26FC00

 FBFCFB

 FFFCFF

# Harmonies

## Analogous

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



E3EC50



90FC7D



00FC1

# Triad

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



90FC7D



00F4FF



FFA4BD

# Complementary

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



90FC7D



E97DFC

# Split Complementary

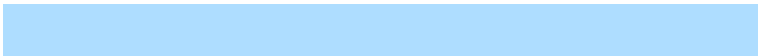
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA7FF



90FC7D



AEDDFF

# Square

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



90FC7D



00FFFF



FFBFFF



FFB97D

# Rectangle

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



90FC7D



00FFF3



FFBFFF



FFA2D5

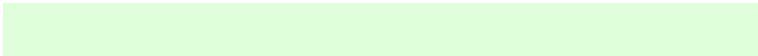


# Sweetspot

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



90FC7D



DEFFD9



FCE97D



6C8069



000000



808080



# Same Dimension

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



90FC7D



7DFF66



7DFCA9



727D70



1CBD00



093D00



# Inverse Universe

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



E97DFC



E866FF



FC7DD0



7B707D



A000BD

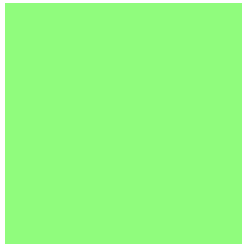


34003D



# Previews

## White Background



This preview shows how the Hex color 90FC7D looks on a white background.

## Color Contrast Check

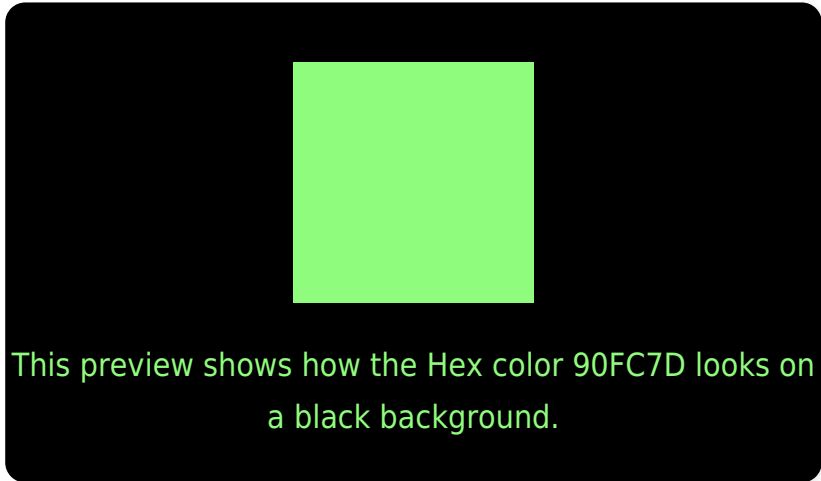
Large Text (above 18pt) WCAG AA × Fail

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

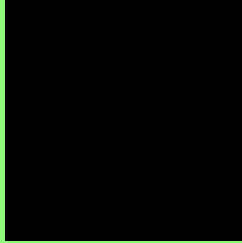
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

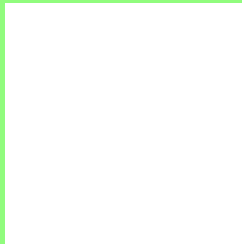
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90FC7D Background



This preview shows how black text looks on a background with the Hex color 90FC7D.

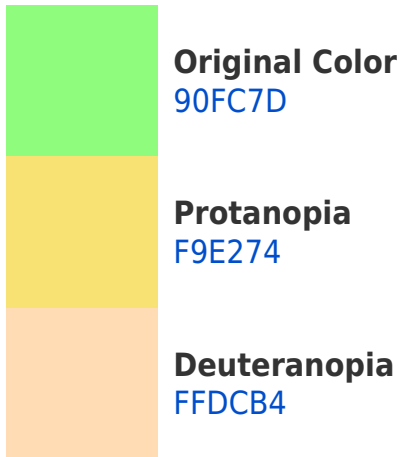


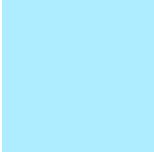
This preview shows how white text looks on a background with the Hex color 90FC7D.

# 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](#).

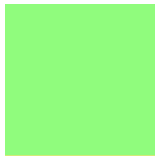
## Dichromacy



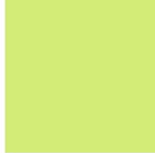


**Tritanopia**  
AEDFF

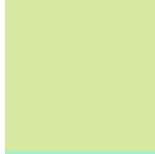
# Trichromacy



**Original Color**  
90FC7D



**Protanomaly**  
D3EB77



**Deuteranomaly**  
D7E8A0

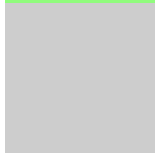


**Tritanomaly**  
A2F2D0

# Monochromacy



**Original Color**  
90FC7D



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B7DEB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90FC7D 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 #90FC7D looks like.

```
.text, #text, p{  
    color:#90FC7D  
}
```

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 #90FC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FC7D }  
}
```

## Border

The CSS property to change the border of an element to Hex 90FC7D 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 #90FC7D }  
}
```

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

```
.border{ border-color:#90FC7D }
```

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

Here you see how a box with a 4 pixel #90FC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FC7D; -webkit-box-shadow:4px 4px  
4px 4px #90FC7D; box-shadow:4px 4px 4px  
4px #90FC7D }
```

# Background

The CSS property to change the background color of an element to Hex 90FC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FC7D }
```

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

```
.background{ background-color:#90FC7D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor