

# Converting Colors

Hex(90A87F)

Have a look what the booklet for  
Hex(90A87F) contains.

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# **Color**

**Hex(90A87F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A87F
RGB	144, 168, 127
RGB Percent	56%, 66%, 50%
CMY	0.4353, 0.3412, 0.5020
CMYK	0.14, 0.00, 0.24, 0.34
HSL	95°, 19%, 58%
HSV	95°, 24%, 66%
XYZ	29.3350, 35.4669, 25.3783
YIQ	156.1500, -1.1430, -17.8390

# Conversions

## Conversions Part 2

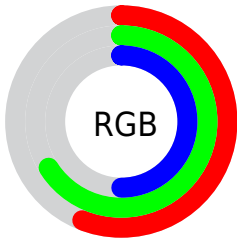
Format	Color
<a href="#">RYB</a>	<a href="#">127, 168, 151</a>
Decimal	<a href="#">9480319</a>
CIELab	<a href="#">66.11, -16.03, 18.49</a>
CIELCh	<a href="#">66, 24.467, 130.922</a>
Yxy	<a href="#">35.4669, 0.3253, 0.3933</a>
Android (android.graphics.Color)	<a href="#">4287670399</a> ( <a href="#">0xFF90A87F</a> )
YUV	<a href="#">156.1500, -14.3710, -10.6556</a>
Hunter-Lab	<a href="#">59.5541, -16.2945, 16.4220</a>

# Details

The Hex color **90A87F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **977FA8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C6DFB4**, and **5D744E** is the 20% darker color. If you saturate the color by 10%, you get **86A86E**, and if you desaturate by 10%, it is **9AA890**.

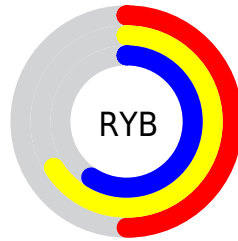
# Distribution



Red (56%)

Green (66%)

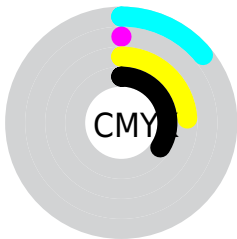
Blue (50%)



Red (50%)

Yellow (66%)

Blue (59%)

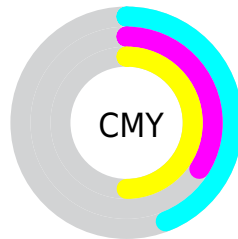


Cyan (14%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A87F 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 90A87F by changing the saturation by 10% instead.





90A87F



90A87F

FFFFFF



768E66



C6DFB4



5D744E



E2FCD0



455B37



FFFFEC



2E4421



182D0B



001A00



000000



90A87F



90A87F



86A86E



9AA890

 7CA85D

 A4A8A1

 72A84D

 AEA8B1

 69A83C

 B7A8C2

 5FA82B

 C1A8D3

 55A81A

 CBA8E4

 4BA809

 D5A8F5

 46A800

 DFA8FF

 E9A8FF

# Harmonies

## Analogous

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



A9A275



90A87F



77AC92

# Triad

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



90A87F



73A7CA



CD9199

# Complementary

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



90A87F



977FA8

# 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.



C392B0



90A87F



91A0CB

# Square

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



90A87F



61ABBD



AE98C2



CA9485

# Rectangle

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



90A87F



69ADA1



AE98C2



CB91A1



# Sweetspot

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



90A87F



D2DBCC



A8977F



696E65



EDEDED



6E6E6E



# Same Dimension

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



90A87F



B6DB9C



7FA882



4F544C



3D9400



081400



# Inverse Universe

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



977FA8



C19CDB



A87FA5



514C54



570094



0C0014



# Previews

## White Background



This preview shows how the Hex color 90A87F looks on a white background.

## Color Contrast Check

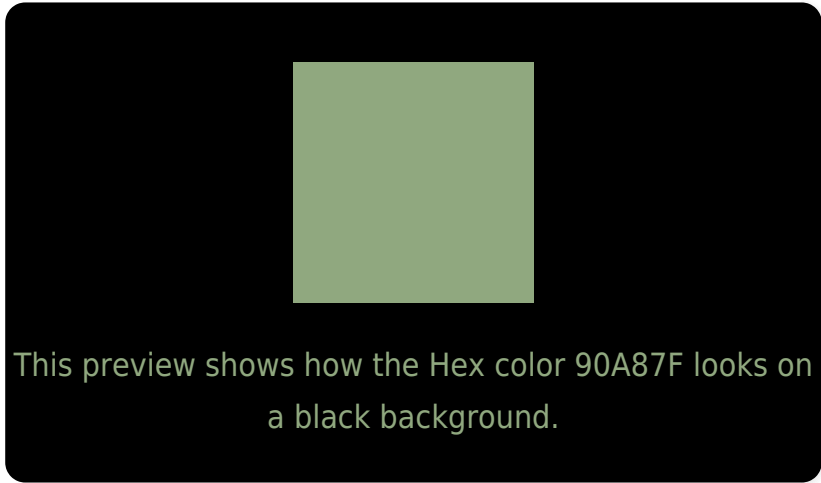
Large Text (above 18pt) WCAG AA × Fail

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

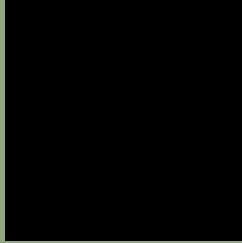
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90A87F Background



This preview shows how black text looks on a background with the Hex color 90A87F.

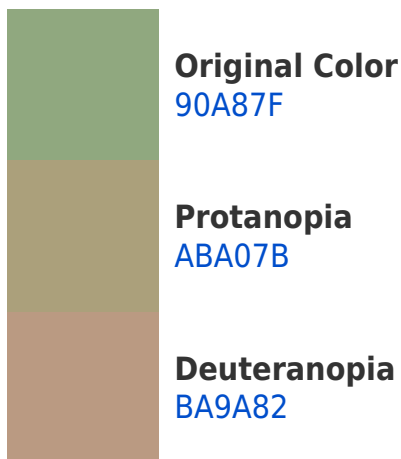


This preview shows how white text looks on a background with the Hex color 90A87F.

# 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](#).

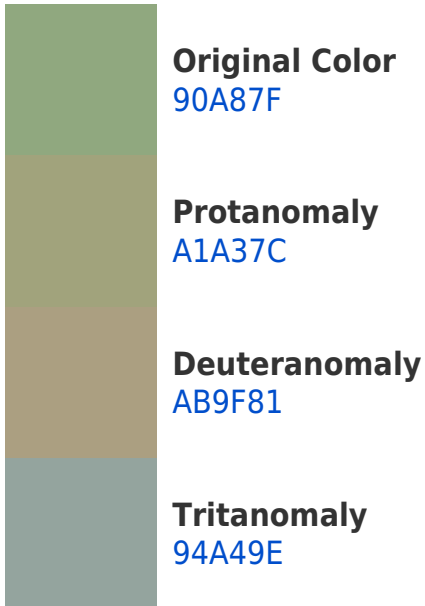
## Dichromacy



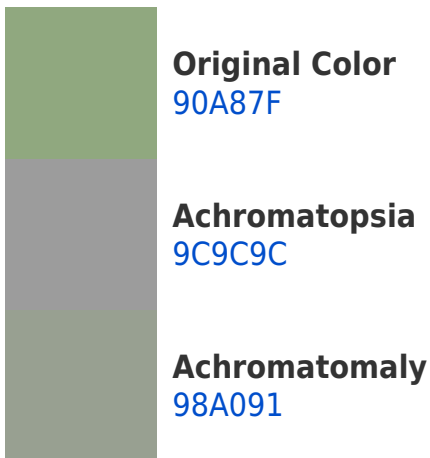


**Tritanopia**  
97A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A87F 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 #90A87F looks like.

```
.text, #text, p{  
    color:#90A87F  
}
```

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 #90A87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A87F
}
```

## Border

The CSS property to change the border of an element to Hex 90A87F 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
#90A87F }
```

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

```
.border{ border-color:#90A87F }
```

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

Here you see how a box with a 4 pixel #90A87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A87F; -webkit-box-shadow:4px 4px  
4px 4px #90A87F; box-shadow:4px 4px 4px  
4px #90A87F }
```

# Background

The CSS property to change the background color of an element to Hex 90A87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A87F }
```

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

```
.background{ background-color:#90A87F }
```

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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