

# Converting Colors

Hex(90BC7F)

Have a look what the booklet for  
Hex(90BC7F) contains.

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# **Color**

**Hex(90BC7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90BC7F
RGB	144, 188, 127
RGB Percent	56%, 74%, 50%
CMY	0.4353, 0.2627, 0.5020
CMYK	0.23, 0.00, 0.32, 0.26
HSL	103°, 31%, 62%
HSV	103°, 32%, 74%
XYZ	33.3156, 43.4280, 26.7052
YIQ	167.8900, -6.6430, -28.2990

# Conversions

## Conversions Part 2

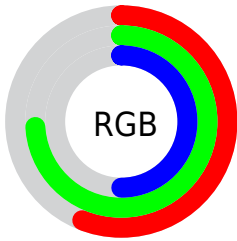
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 188, 171
Decimal	9485439
CIELab	71.84, -26.10, 26.26
CIELCh	72, 37.029, 134.822
Yxy	43.4280, 0.3220, 0.4198
Android (android.graphics.Color)	4287675519 (0xFF90BC7F)
YUV	167.8900, -20.1588, -20.9515
Hunter-Lab	65.9000, -25.0846, 22.1034

# Details

The Hex color **90BC7F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AB7FBC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C7F4B4**, and **5C864D** is the 20% darker color. If you saturate the color by 10%, you get **82BC6C**, and if you desaturate by 10%, it is **9EBC92**.

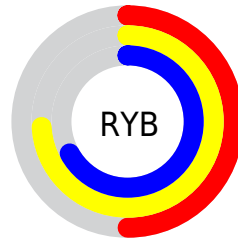
# Distribution



Red (56%)

Green (74%)

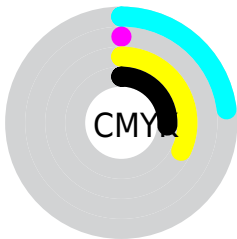
Blue (50%)



Red (50%)

Yellow (74%)

Blue (67%)

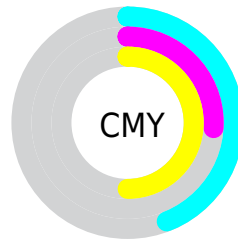


Cyan (23%)

Magenta (0%)

Yellow (32%)

Black (26%)



Cyan (44%)

Magenta (26%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90BC7F 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 90BC7F by changing the saturation by 10% instead.





90BC7F



90BC7F

FFFFFF



76A166



C7F4B4



5C864D



E3FFD0



436D36



FFFEC



2B541F



123D08



002700



000C00



000000



90BC7F



90BC7F

 82BC6C

 9EBC92

 75BC59

 ABBCA5

 67BC47

 B9BCB7

 5ABC34

 C6BCCA

 4CBC21

 D4BCDD

 3FBC0E

 E1BCF0

 34BC00

 EFBCFF

 FCBCFF

 FFBCFF

# Harmonies

## Analogous

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



B6B36E



90BC7F



66C19D

# Triad

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



90BC7F



63B8F1



F396A0

# Complementary

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



90BC7F



AB7FBC

# 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.



E798C3



90BC7F



9BAEF1

# Square

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



90BC7F



31BDFD



C9A1E0



EB9D82

# Rectangle

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



90BC7F



48C2B5



C9A1E0



F196AC

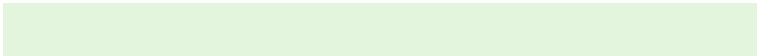


# Sweetspot

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



90BC7F



E3F5DC



BCAB7F



707A6C



FAFAFA



7A7A7A

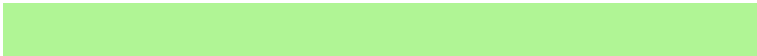


# Same Dimension

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



90BC7F



B0F595



7FBC8C



585E55



2C9E00



091F00



# Inverse Universe

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



AB7FBC



DA95F5



BC7FAF



5C555E



72009E



16001F



# Previews

## White Background



This preview shows how the Hex color 90BC7F looks on a white background.

## Color Contrast Check

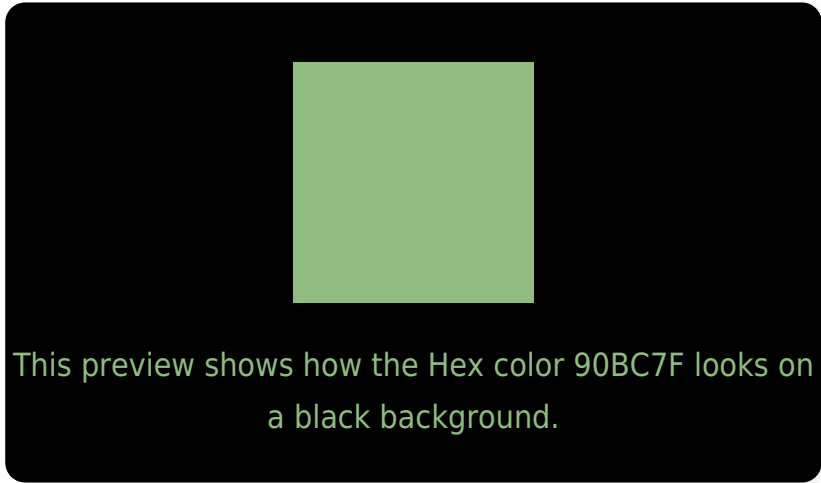
Large Text (above 18pt) WCAG AA × Fail

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 90BC7F Background



This preview shows how black text looks on a background with the Hex color 90BC7F.

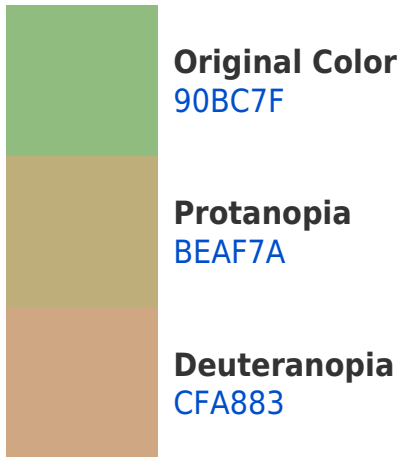


This preview shows how white text looks on a background with the Hex color 90BC7F.

# 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](#).

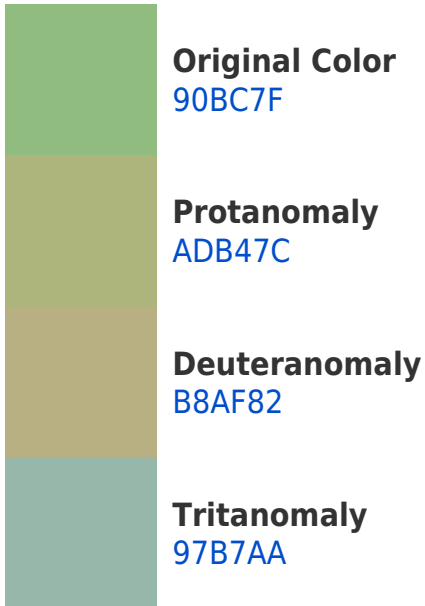
## Dichromacy



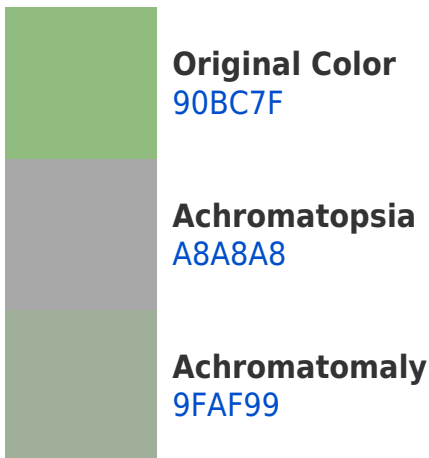


**Tritanopia**  
9BB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90BC7F 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 #90BC7F looks like.

```
.text, #text, p{  
    color:#90BC7F  
}
```

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 #90BC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BC7F
}
```

## Border

The CSS property to change the border of an element to Hex 90BC7F 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
#90BC7F }
```

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

```
.border{ border-color:#90BC7F }
```

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

Here you see how a box with a 4 pixel #90BC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BC7F; -webkit-box-shadow:4px 4px  
4px 4px #90BC7F; box-shadow:4px 4px 4px  
4px #90BC7F }
```

# Background

The CSS property to change the background color of an element to Hex 90BC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BC7F }
```

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

```
.background{ background-color:#90BC7F }
```

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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