

# Converting Colors

Hex(90A78B)

Have a look what the booklet for  
Hex(90A78B) contains.

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# **Color**

**Hex(90A78B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A78B
RGB	144, 167, 139
RGB Percent	56%, 65%, 55%
CMY	0.4353, 0.3451, 0.4549
CMYK	0.14, 0.00, 0.17, 0.35
HSL	109°, 14%, 60%
HSV	109°, 17%, 65%
XYZ	29.9805, 35.4308, 29.6848
YIQ	156.9310, -4.7200, -13.5840

# Conversions

## Conversions Part 2

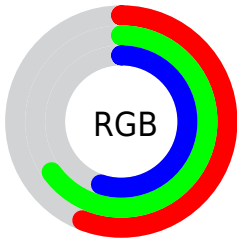
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 167, 162
Decimal	9480075
CIELab	66.08, -13.45, 11.84
CIELCh	66, 17.914, 138.640
Yxy	35.4308, 0.3153, 0.3726
Android (android.graphics.Color)	4287670155 (0xFF90A78B)
YUV	156.9310, -8.8400, -11.3405
Hunter-Lab	59.5238, -14.2610, 12.0984

# Details

The Hex color **90A78B** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A28BA7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C6DEC1**, and **5D7359** is the 20% darker color. If you saturate the color by 10%, you get **82A77A**, and if you desaturate by 10%, it is **9EA79C**.

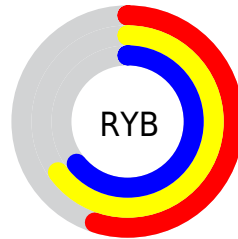
# Distribution



Red (56%)

Green (65%)

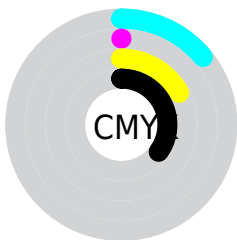
Blue (55%)



Red (55%)

Yellow (65%)

Blue (64%)

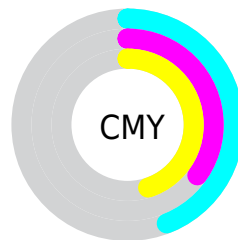


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A78B 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 90A78B by changing the saturation by 10% instead.





90A78B



90A78B

FFFFFF



768D72



C6DEC1



5D7359



E2FBDC



455A42



FFFFF9



2F432B



192D17



001900



000000



90A78B



90A78B



82A77A



9EA79C

 75A76A

 ABA7AC

 67A759

 B9A7BD

 59A748

 C7A7CE

 4BA737

 D5A7DE

 3EA727

 E2A7EF

 30A716

 F0A7FF

 22A705

 FEA7FF

 1EA700

 FFA7FF

# Harmonies

## Analogous

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



A2A382



90A78B



7FAA9A

# Triad

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



90A78B



87A4C0



C29697

# Complementary

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



90A78B



A28BA7

# 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.



BD96A7



90A78B



9C9FBF

# Square

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



90A78B



78A8B8



AF99B6



BE9989

# Rectangle

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



90A78B



78AAA5



AF99B6



C2959C



# Sweetspot

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



90A78B



D0D9CE



A7A28B



686E67



EDEDED



6E6E6E



# Same Dimension

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



90A78B



B5D9AD



8BA794



4D544C



1A9400



041400



# Inverse Universe

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



A28BA7



D1ADD9



A78B9E



534C54



790094



110014



# Previews

## White Background



This preview shows how the Hex color 90A78B looks on a white background.

## Color Contrast Check

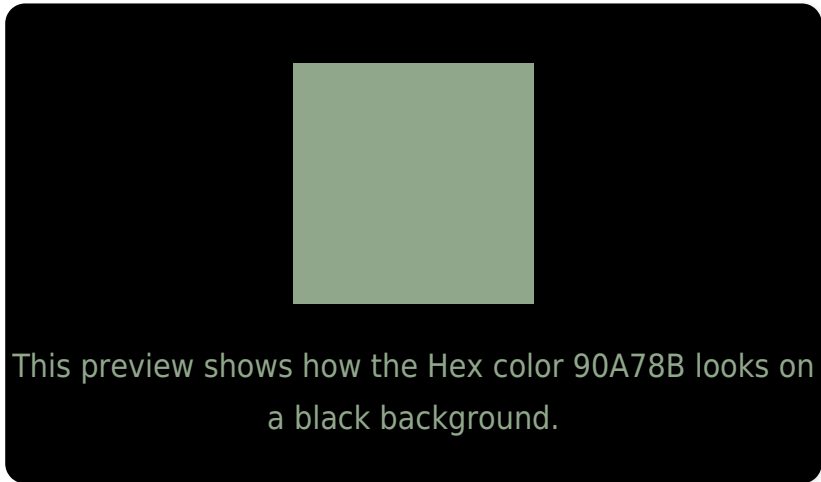
Large Text (above 18pt) WCAG AA × Fail

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

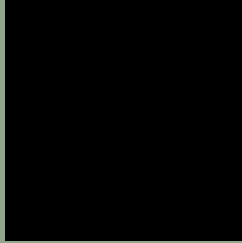
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90A78B Background



This preview shows how black text looks on a background with the Hex color 90A78B.

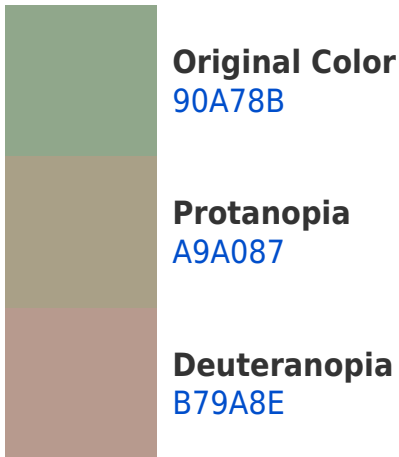


This preview shows how white text looks on a background with the Hex color 90A78B.

# 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](#).

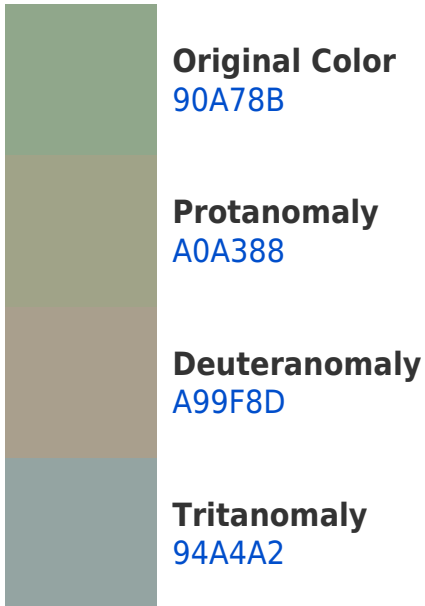
## Dichromacy



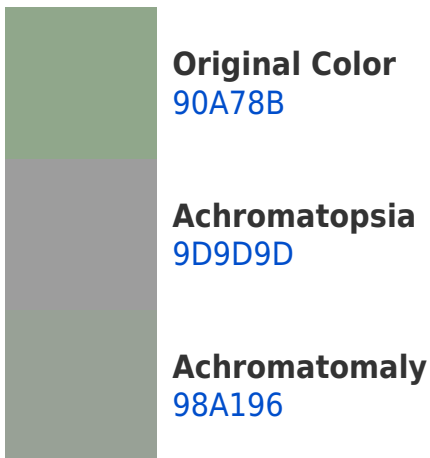


**Tritanopia**  
96A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A78B 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 #90A78B looks like.

```
.text, #text, p{  
    color:#90A78B  
}
```

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 #90A78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A78B
}
```

## Border

The CSS property to change the border of an element to Hex 90A78B 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
#90A78B }
```

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

```
.border{ border-color:#90A78B }
```

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

Here you see how a box with a 4 pixel #90A78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A78B; -webkit-box-shadow:4px 4px  
4px 4px #90A78B; box-shadow:4px 4px 4px  
4px #90A78B }
```

# Background

The CSS property to change the background color of an element to Hex 90A78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A78B }
```

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

```
.background{ background-color:#90A78B }
```

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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