

Converting Colors

Hex(90A78A)

Have a look what the booklet for
Hex(90A78A) contains.

Hex(90A78A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90A78A)

Conversions

Conversions Part 1

Format	Color
Hex	90A78A
RGB	144, 167, 138
RGB Percent	56%, 65%, 54%
CMY	0.4353, 0.3451, 0.4588
CMYK	0.14, 0.00, 0.17, 0.35
HSL	108°, 14%, 60%
HSV	108°, 17%, 65%
XYZ	29.9078, 35.4017, 29.3017
YIQ	156.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

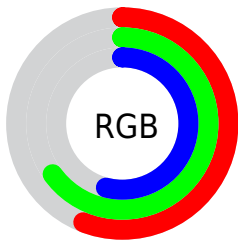
Format	Color
RYB	138, 167, 161
Decimal	9480074
CIELab	66.06, -13.62, 12.36
CIELCh	66, 18.395, 137.789
Yxy	35.4017, 0.3161, 0.3742
Android (android.graphics.Color)	4287670154 (0xFF90A78A)
YUV	156.8170, -9.2768, -11.2405
Hunter-Lab	59.4993, -14.3995, 12.4510

Details

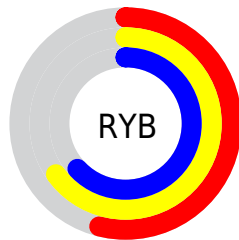
The Hex color **90A78A** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A18AA7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C6DEBF**, and **5D7358** is the 20% darker color. If you saturate the color by 10%, you get **83A779**, and if you desaturate by 10%, it is **9DA79B**.

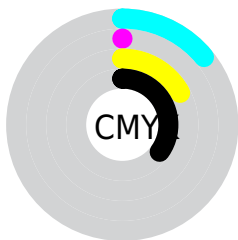
Distribution



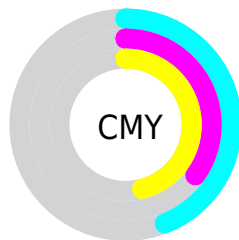
- Red (56%)
- Green (65%)
- Blue (54%)



- Red (54%)
- Yellow (65%)
- Blue (63%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A78A 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 90A78A by changing the saturation by 10% instead.

 90A78A

 90A78A

FFFFFF

 768D71

 C6DEBF

 5D7358

 E2FBDB

 455A41

 FFFFF8

 2F432A

 192D16

 001900

 000000

 90A78A

 90A78A

 83A779

 9DA79B

 76A769

 AAA7AB

 68A758

 B8A7BC

 5BA747

 C5A7CD

 4EA736

 D2A7DD

 41A726

 DFA7EE

 33A715

 EDA7FF

 26A704

 FAA7FF

 23A700

 FFA7FF

Harmonies

Analogous

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



A3A381



90A78A



7FAA99

Triad

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



90A78A



85A4C0



C39597

Complementary

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



90A78A



A18AA7

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.



BE96A8



90A78A



9B9FC0

Square

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



90A78A



76A8B8



AF99B7



BF9889

Rectangle

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



90A78A



77AAA4



AF99B7



C2959D

Sweetspot

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



90A78A



D0D9CE



A7A18A



686E67



EDEDED



6E6E6E

Same Dimension

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



90A78A



B5D9AB



8AA792



4D544C



1F9400



041400

Inverse Universe

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



A18AA7



CFABD9



A78A9F



524C54



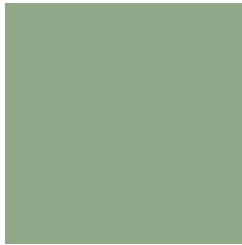
750094



100014

Previews

White Background



This preview shows how the Hex color 90A78A looks on a white background.

Color Contrast Check

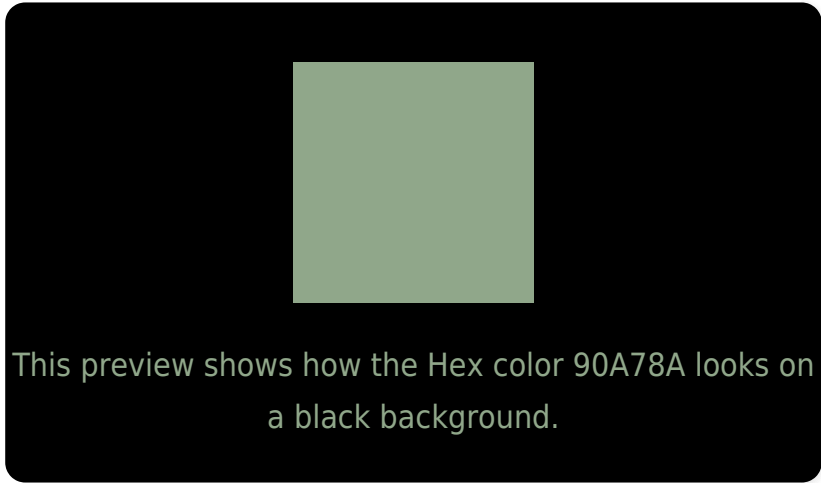
Large Text (above 18pt) WCAG AA × Fail

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

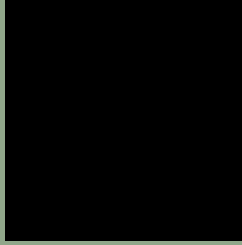
Any Text WCAG AA ✓ Pass

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 90A78A Background



This preview shows how black text looks on a background with the Hex color 90A78A.

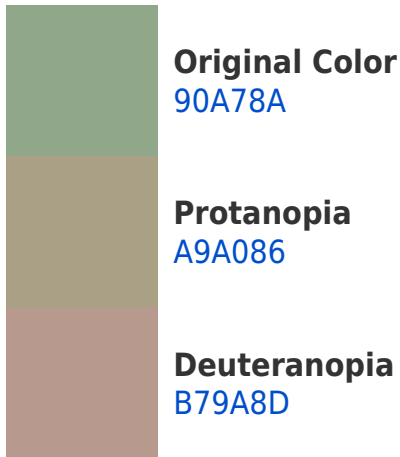


This preview shows how white text looks on a background with the Hex color 90A78A.

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](#).

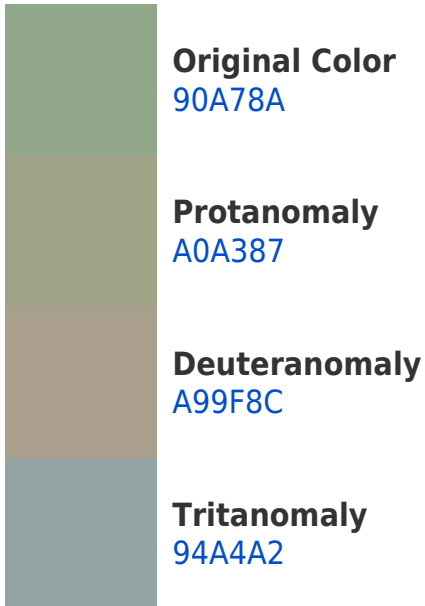
Dichromacy



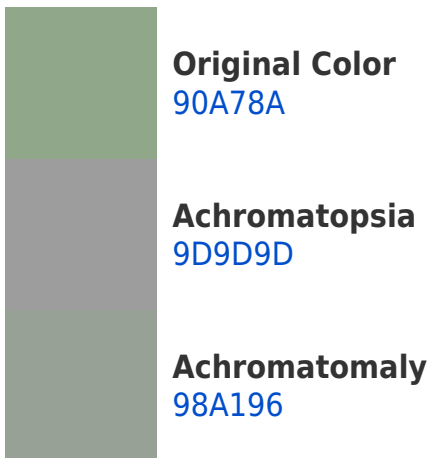


Tritanopia
96A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A78A 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 #90A78A looks like.

```
.text, #text, p{  
    color:#90A78A  
}
```

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 #90A78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A78A
}
```

Border

The CSS property to change the border of an element to Hex 90A78A 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
#90A78A }
```

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

```
.border{ border-color:#90A78A }
```

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

Here you see how a box with a 4 pixel #90A78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A78A; -webkit-box-shadow:4px 4px  
4px 4px #90A78A; box-shadow:4px 4px 4px  
4px #90A78A }
```

Background

The CSS property to change the background color of an element to Hex 90A78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A78A }
```

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

```
.background{ background-color:#90A78A }
```

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