

Converting Colors

Hex(90AB8D)

Have a look what the booklet for
Hex(90AB8D) contains.

Hex(90AB8D)	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(90AB8D)

Conversions

Conversions Part 1

Format	Color
Hex	90AB8D
RGB	144, 171, 141
RGB Percent	56%, 67%, 55%
CMY	0.4353, 0.3294, 0.4471
CMYK	0.16, 0.00, 0.18, 0.33
HSL	114°, 15%, 61%
HSV	114°, 18%, 67%
XYZ	30.8722, 36.9782, 30.7097
YIQ	159.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

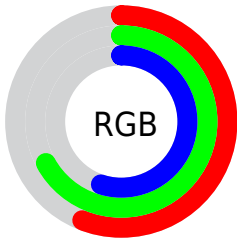
Format	Color
RYB	141, 171, 168
Decimal	9481101
CIELab	67.26, -15.18, 12.39
CIELCh	67, 19.598, 140.776
Yxy	36.9782, 0.3132, 0.3752
Android (android.graphics.Color)	4287671181 (0xFF90AB8D)
YUV	159.5070, -9.1240, -13.5996
Hunter-Lab	60.8097, -15.7950, 12.6246

Details

The Hex color **90AB8D** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A88DAB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C6E2C3**, and **5D775B** is the 20% darker color. If you saturate the color by 10%, you get **81AB7C**, and if you desaturate by 10%, it is **9FAB9E**.

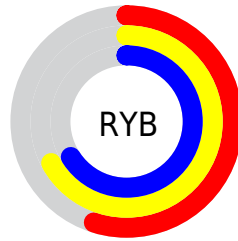
Distribution



Red (56%)

Green (67%)

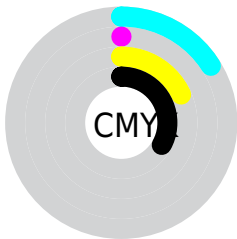
Blue (55%)



Red (55%)

Yellow (67%)

Blue (66%)

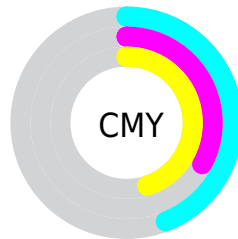


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AB8D 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 90AB8D by changing the saturation by 10% instead.

 90AB8D

 90AB8D

FFFFFF

 769073

 C6E2C3

 5D775B

 E2FFDF

 455E43

 FFFFFB

 2E462D

 193018

 011B00

 000000

 90AB8D

 90AB8D

 81AB7C

 9FAB9E

 71AB6B

 AFABAF

 62AB5A

 BEABC0

 52AB49

 CEABD1

 43AB38

 DDABE2

 34AB26


 ECABF4

 24AB15

 FCABFF

 15AB04

 FFABFF

 11AB00

Harmonies

Analogous

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



A4A683



90AB8D



7EAE9D

Triad

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



90AB8D



88A7C6



C99898

Complementary

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



90AB8D



A88DAB

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.



C498AA



90AB8D



A0A1C5

Square

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



90AB8D



77ABBE



B59BBA



C49B89

Rectangle

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



90AB8D



76AEAA



B59BBA



C8979E

Sweetspot

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



90AB8D



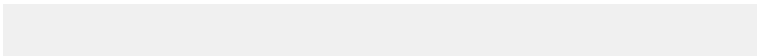
D4DED3



ABA88D



6A7069



F0F0F0



707070

Same Dimension

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



90AB8D



B4DEAF



8DAB99



4F574E



0F9600



021700

Inverse Universe

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



A88DAB



D9AFDE



AB8D9F



564E57



870096



150017

Previews

White Background



This preview shows how the Hex color 90AB8D looks on a white background.

Color Contrast Check

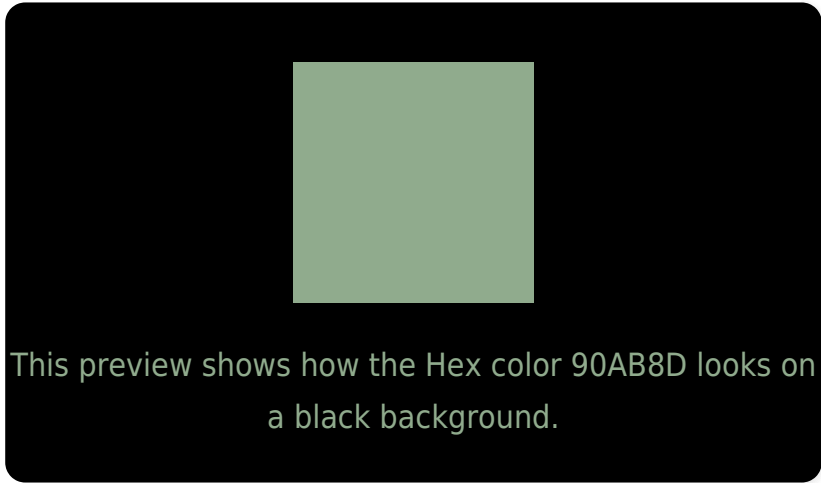
Large Text (above 18pt) WCAG AA × Fail

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

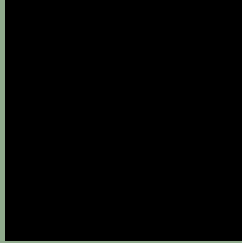
Any Text WCAG AA ✓ Pass

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 90AB8D Background



This preview shows how black text looks on a background with the Hex color 90AB8D.

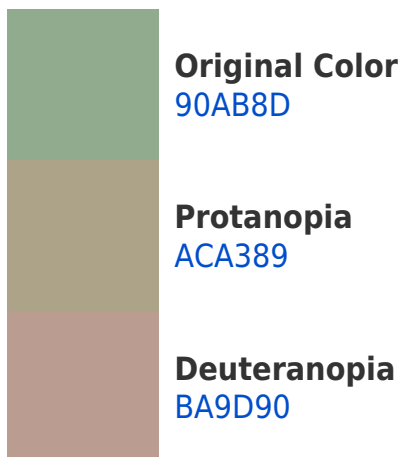


This preview shows how white text looks on a background with the Hex color 90AB8D.

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](#).

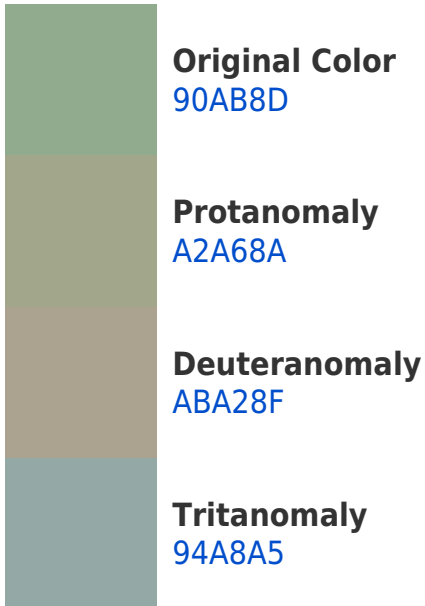
Dichromacy



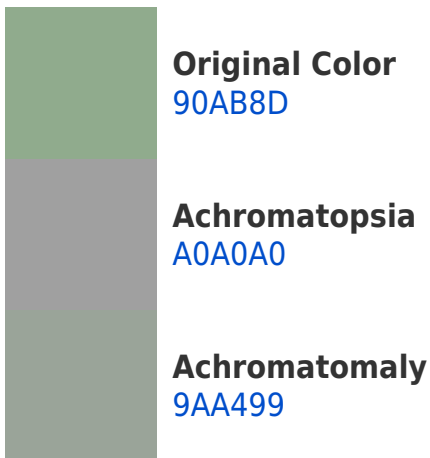


Tritanopia
96A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AB8D 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 #90AB8D looks like.

```
.text, #text, p{  
  color:#90AB8D  
}
```

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 #90AB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AB8D
}
```

Border

The CSS property to change the border of an element to Hex 90AB8D 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
#90AB8D }
```

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

```
.border{ border-color:#90AB8D }
```

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

Here you see how a box with a 4 pixel #90AB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AB8D; -webkit-box-shadow:4px 4px  
4px 4px #90AB8D; box-shadow:4px 4px 4px  
4px #90AB8D }
```

Background

The CSS property to change the background color of an element to Hex 90AB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AB8D }
```

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

```
.background{ background-color:#90AB8D }
```

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