

Converting Colors

Hex(90AC8B)

Have a look what the booklet for
Hex(90AC8B) contains.

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Color

Hex(90AC8B)

Conversions

Conversions Part 1

Format	Color
Hex	90AC8B
RGB	144, 172, 139
RGB Percent	56%, 67%, 55%
CMY	0.4353, 0.3255, 0.4549
CMYK	0.16, 0.00, 0.19, 0.33
HSL	111°, 17%, 61%
HSV	111°, 19%, 67%
XYZ	30.9143, 37.2984, 29.9961
YIQ	159.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

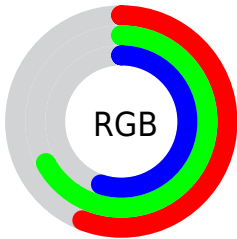
Format	Color
RYB	139, 172, 167
Decimal	9481355
CIELab	67.50, -16.06, 13.83
CIELCh	68, 21.193, 139.265
Yxy	37.2984, 0.3148, 0.3798
Android (android.graphics.Color)	4287671435 (0xFF90AC8B)
YUV	159.8660, -10.2869, -13.9145
Hunter-Lab	61.0724, -16.5216, 13.6301

Details

The Hex color **90AC8B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A78BAC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C6E3C1**, and **5D7859** is the 20% darker color. If you saturate the color by 10%, you get **81AC7A**, and if you desaturate by 10%, it is **9FAC9C**.

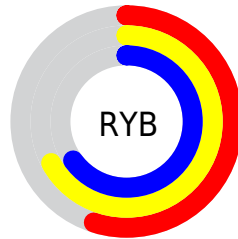
Distribution



Red (56%)

Green (67%)

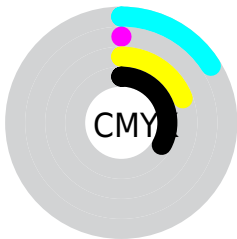
Blue (55%)



Red (55%)

Yellow (67%)

Blue (65%)

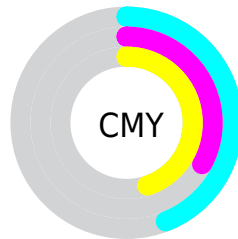


Cyan (16%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AC8B 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 90AC8B by changing the saturation by 10% instead.

 90AC8B

 90AC8B

FFFFFF

 769171

 C6E3C1

 5D7859

 E2FFDC

 455F41

 FFFFF9

 2E472B

 183016

 001C00

 000000

 90AC8B

 90AC8B

 81AC7A

 9FAC9C

 73AC69

 ADACAD

 64AC57

 BCACBF

 56AC46

 CAACD0

 47AC35

 D9ACE1

 38AC24

 E8ACF2

 2AAC13

 F6ACFF

 1BAC01

 FFACFF

 1AAC00

Harmonies

Analogous

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



A6A780



90AC8B



7CAF9D

Triad

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



90AC8B



85A8C9



CC9799

Complementary

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



90AC8B



A78BAC

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.



C697AC



90AC8B



9FA2C8

Square

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



90AC8B



73ADC1



B69CBD



C79B88

Rectangle

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



90AC8B



72AFAA



B69CBD



CB979F

Sweetspot

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



90AC8B



D5E0D3



ACA78B



6A7068



F0F0F0



707070

Same Dimension

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



90AC8B



B5E0AD



8BAC96



4F574E



179600



031700

Inverse Universe

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



A78BAC



D9ADE0



AC8BA1



554E57



800096



130017

Previews

White Background



This preview shows how the Hex color 90AC8B looks on a white background.

Color Contrast Check

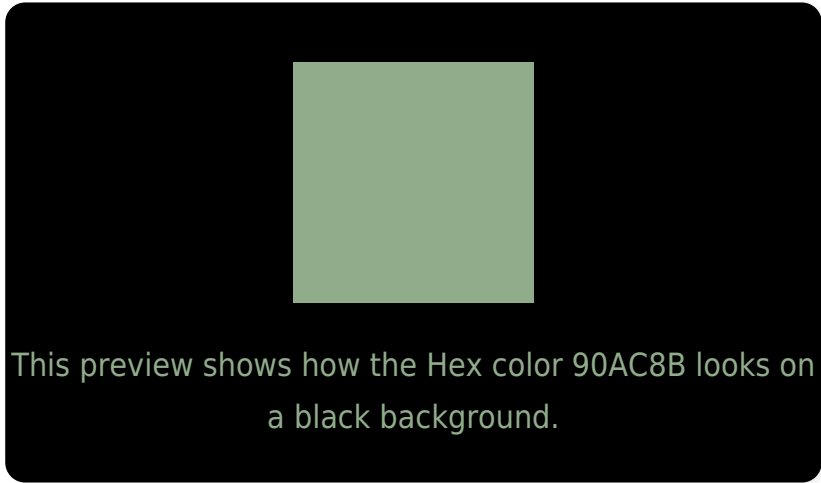
Large Text (above 18pt) WCAG AA × Fail

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

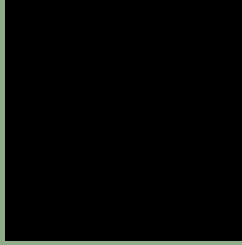
Any Text WCAG AA ✓ Pass

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 90AC8B Background



This preview shows how black text looks on a background with the Hex color 90AC8B.



This preview shows how white text looks on a background with the Hex color 90AC8B.

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](#).

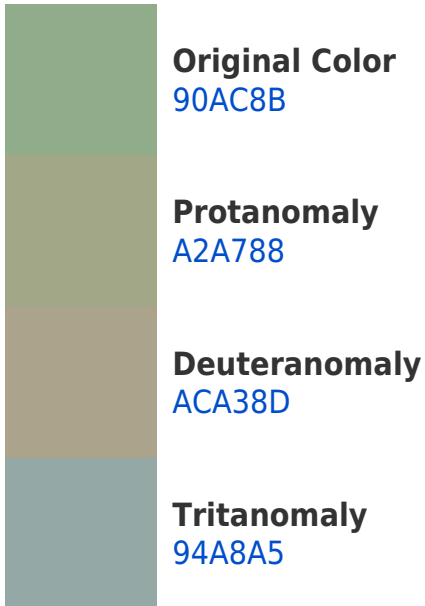
Dichromacy



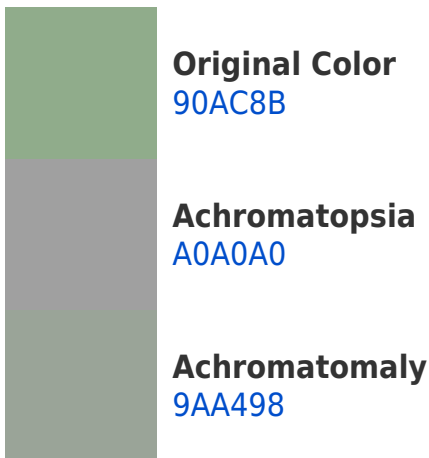


Tritanopia
97A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AC8B 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 #90AC8B looks like.

```
.text, #text, p{  
    color:#90AC8B  
}
```

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 #90AC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AC8B
}
```

Border

The CSS property to change the border of an element to Hex 90AC8B 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
#90AC8B }
```

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

```
.border{ border-color:#90AC8B }
```

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

Here you see how a box with a 4 pixel #90AC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AC8B; -webkit-box-shadow:4px 4px  
4px 4px #90AC8B; box-shadow:4px 4px 4px  
4px #90AC8B }
```

Background

The CSS property to change the background color of an element to Hex 90AC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AC8B }
```

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

```
.background{ background-color:#90AC8B }
```

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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