

Converting Colors

Hex(90AB88)

Have a look what the booklet for
Hex(90AB88) contains.

Hex(90AB88)	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(90AB88)

Conversions

Conversions Part 1

Format	Color
Hex	90AB88
RGB	144, 171, 136
RGB Percent	56%, 67%, 53%
CMY	0.4353, 0.3294, 0.4667
CMYK	0.16, 0.00, 0.20, 0.33
HSL	106°, 17%, 60%
HSV	106°, 20%, 67%
XYZ	30.5084, 36.8327, 28.7940
YIQ	158.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

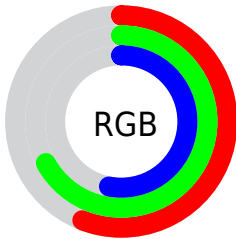
Format	Color
RYB	136, 171, 163
Decimal	9481096
CIELab	67.15, -16.07, 14.99
CIELCh	67, 21.973, 136.984
Yxy	36.8327, 0.3173, 0.3831
Android (android.graphics.Color)	4287671176 (0xFF90AB88)
YUV	158.9370, -11.3079, -13.0997
Hunter-Lab	60.6899, -16.4766, 14.3531

Details

The Hex color **90AB88** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A388AB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C6E2BD**, and **5D7756** is the 20% darker color. If you saturate the color by 10%, you get **83AB77**, and if you desaturate by 10%, it is **9DAB99**.

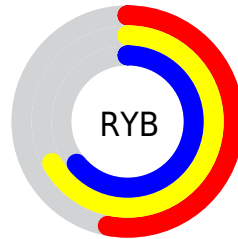
Distribution



Red (56%)

Green (67%)

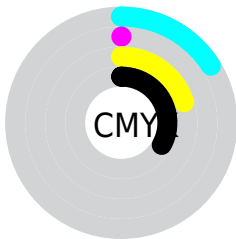
Blue (53%)



Red (53%)

Yellow (67%)

Blue (64%)

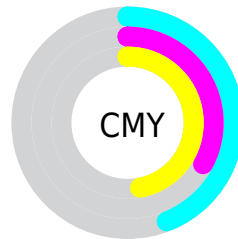


Cyan (16%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AB88 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 90AB88 by changing the saturation by 10% instead.



90AB88



90AB88

FFFFFF



76906F



C6E2BD



5D7756



E2FFD9



455E3F



FFFFFF6



2E4629



183014



001C00



000000



90AB88



90AB88



83AB77



9DAB99

 76AB66

 AAABAA

 68AB55

 B8ABBB

 5BAB44

 C5ABCC

 4EAB32

 D2ABDD

 41AB21

 DFABEF

 34AB10

 ECABFF

 27AB00

 FAABFF

 FFABFF

Harmonies

Analogous

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



A7A67D



90AB88



7BAE9A

Triad

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



90AB88



81A8C9



CC9699

Complementary

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



90AB88



A388AB

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.



C696AD



90AB88



9BA1C9

Square

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



90AB88



6EADC0



B49BBF



C89987

Rectangle

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



90AB88



70AFA8



B49BBF



CB959F

Sweetspot

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



90AB88



D4DED1



ABA388



6A7068



F0F0F0



707070

Same Dimension

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



90AB88



B3DEA6



88AB91



50574E



229600



051700

Inverse Universe

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



A388AB



D1A6DE



AB88A2



554E57



740096



120017

Previews

White Background



This preview shows how the Hex color 90AB88 looks on a white background.

Color Contrast Check

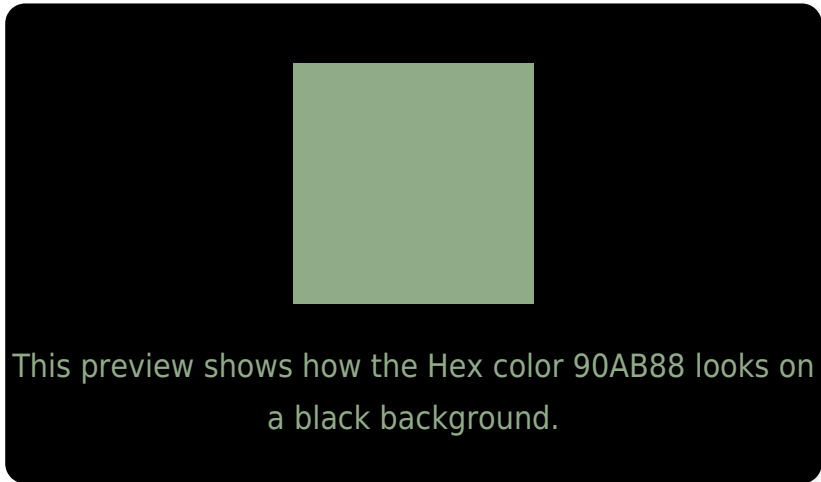
Large Text (above 18pt) WCAG AA × Fail

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

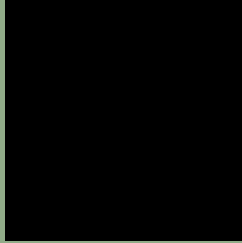
Any Text WCAG AA ✓ Pass

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 90AB88 Background



This preview shows how black text looks on a background with the Hex color 90AB88.



This preview shows how white text looks on a background with the Hex color 90AB88.

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](#).

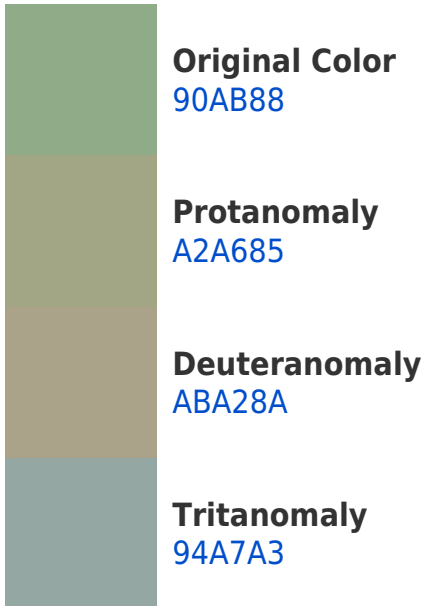
Dichromacy



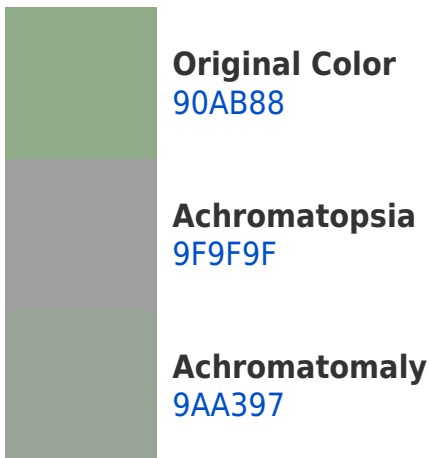


Tritanopia
97A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AB88 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 #90AB88 looks like.

```
.text, #text, p{  
    color:#90AB88  
}
```

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 #90AB88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AB88  
}
```

Border

The CSS property to change the border of an element to Hex 90AB88 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  
#90AB88 }
```

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

```
.border{ border-color:#90AB88 }
```

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

Here you see how a box with a 4 pixel #90AB88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AB88; -webkit-box-shadow:4px 4px  
4px 4px #90AB88; box-shadow:4px 4px 4px  
4px #90AB88 }
```

Background

The CSS property to change the background color of an element to Hex 90AB88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AB88 }
```

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

```
.background{ background-color:#90AB88 }
```

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