

# Converting Colors

Hex(91ABAE)

Have a look what the booklet for  
Hex(91ABAE) contains.

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# **Color**

**Hex(91ABAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91ABAE
RGB	145, 171, 174
RGB Percent	57%, 67%, 68%
CMY	0.4314, 0.3294, 0.3176
CMYK	0.17, 0.02, 0.00, 0.32
HSL	186°, 15%, 63%
HSV	186°, 17%, 68%
XYZ	33.8799, 38.2016, 45.6324
YIQ	163.5680, -16.4590, -4.5790

# Conversions

## Conversions Part 2

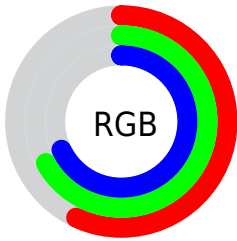
Format	Color
<b>RYB</b>	145, 159, 174
Decimal	9546670
CIELab	68.17, -8.28, -4.55
CIELCh	68, 9.448, 208.798
Yxy	38.2016, 0.2878, 0.3245
Android (android.graphics.Color)	4287736750 (0xFF91ABAE)
YUV	163.5680, 5.1430, -16.2841
Hunter-Lab	61.8074, -10.3176, -0.5086

# Details

The Hex color **91ABAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AE9491**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C7E2E5**, and **5E777A** is the 20% darker color. If you saturate the color by 10%, you get **80A9AE**, and if you desaturate by 10%, it is **A2ADAE**.

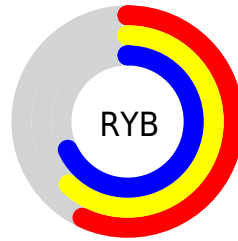
# Distribution



Red (57%)

Green (67%)

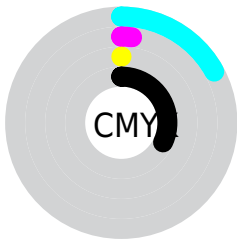
Blue (68%)



Red (57%)

Yellow (62%)

Blue (68%)

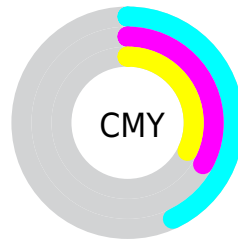


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (33%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91ABAE 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 91ABAE by changing the saturation by 10% instead.





91ABAE



91ABAE

FFFFFF



779093



C7E2E5



5E777A



E3FFFF



465E61



2F4649



193033



021B1E



000003



000000



91ABAE



91ABAE

80A9AE

A2ADAE

6EA7AE

B4AFAE

5DA6AE

C5B0AE

4BA4AE

D7B2AE

3AA2AE

E8B4AE

29A0AE

F9B6AE

179EAE

FFB8AE

069DAE

FFB9AE

009CAE

FFBBAE

# Harmonies

## Analogous

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



93ABA5



91ABAE



95A9B4

# Triad

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



91ABAE



B1A2AF



AEA595

# Complementary

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



91ABAE



AE9491

# 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.



B5A398



91ABAE



B7A0A7

# Square

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



91ABAE



A8A4B5



B9A19E



A4A897

# Rectangle

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



91ABAE



9AA8B7



B9A19E



B1A496



# Sweetspot

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



91ABAE



D8E2E3



91AE94



6C7273



F2F2F2



737373



# Same Dimension

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



91ABAE



B6DEE3



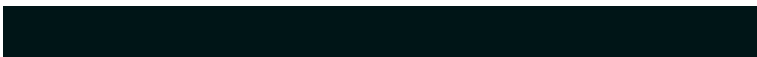
919DAE



4E5657



008796



001517



# Inverse Universe

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



AE91AB



E3B6DE



AEA291



574E56



960087



170015



# Previews

## White Background



This preview shows how the Hex color 91ABAE looks on a white background.

## Color Contrast Check

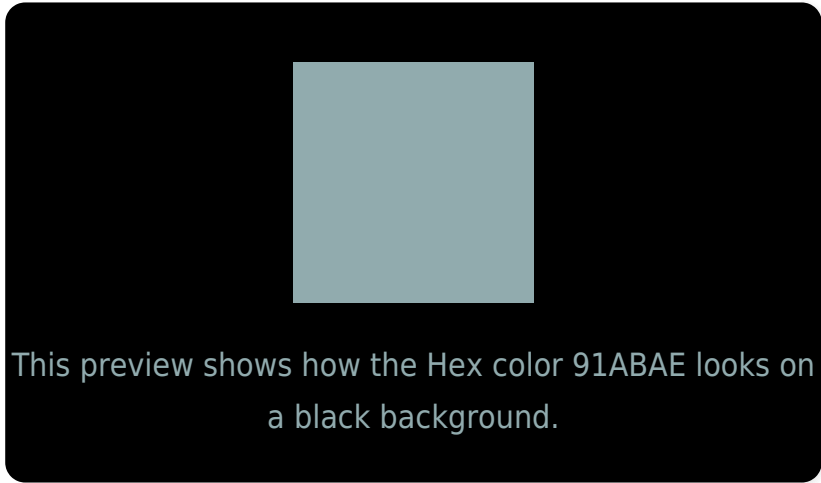
Large Text (above 18pt) WCAG AA × Fail

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

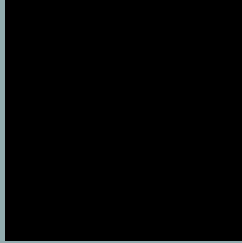
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

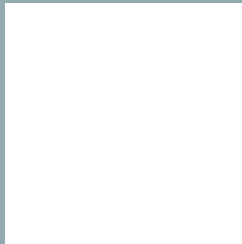
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91ABAE Background



This preview shows how black text looks on a background with the Hex color 91ABAE.

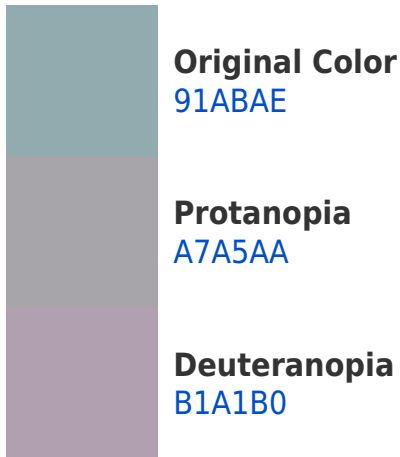


This preview shows how white text looks on a background with the Hex color 91ABAE.

# 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](#).

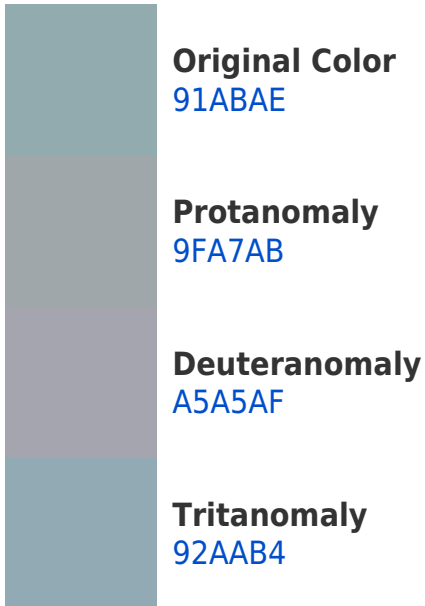
## Dichromacy





**Tritanopia**  
93AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91ABAE 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 #91ABAE looks like.

```
.text, #text, p{  
    color:#91ABAE  
}
```

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 #91ABAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91ABAE
}
```

## Border

The CSS property to change the border of an element to Hex 91ABAE 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
#91ABAE }
```

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

```
.border{ border-color:#91ABAE }
```

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

Here you see how a box with a 4 pixel #91ABAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91ABAE; -webkit-box-shadow:4px 4px  
4px 4px #91ABAE; box-shadow:4px 4px 4px  
4px #91ABAE }
```

# Background

The CSS property to change the background color of an element to Hex 91ABAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91ABAE }
```

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

```
.background{ background-color:#91ABAE }
```

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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