

# Converting Colors

Hex(91AB9D)

Have a look what the booklet for  
Hex(91AB9D) contains.

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# **Color**

**Hex(91AB9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91AB9D
RGB	145, 171, 157
RGB Percent	57%, 67%, 62%
CMY	0.4314, 0.3294, 0.3843
CMYK	0.15, 0.00, 0.08, 0.33
HSL	148°, 13%, 62%
HSV	148°, 15%, 67%
XYZ	32.3258, 37.5799, 37.4482
YIQ	161.6300, -11.0020, -9.8660

# Conversions

## Conversions Part 2

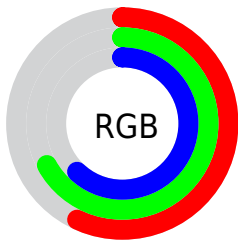
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 163, 171
Decimal	9546653
CIELab	67.71, -11.81, 4.20
CIELCh	68, 12.531, 160.414
Yxy	37.5799, 0.3011, 0.3501
Android (android.graphics.Color)	4287736733 (0xFF91AB9D)
YUV	161.6300, -2.2826, -14.5845
Hunter-Lab	61.3024, -13.1533, 6.6929

# Details

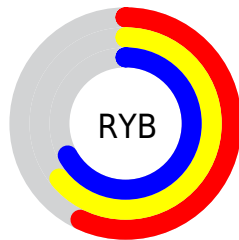
The Hex color **91AB9D** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB919F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C7E2D4**, and **5E776A** is the 20% darker color. If you saturate the color by 10%, you get **80AB94**, and if you desaturate by 10%, it is **A2ABA6**.

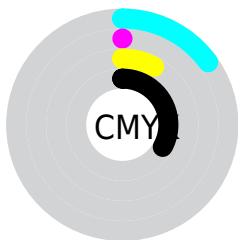
# Distribution



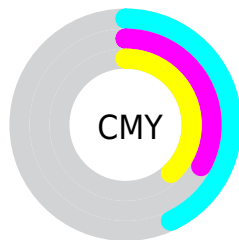
- Red (57%)
- Green (67%)
- Blue (62%)



- Red (57%)
- Yellow (64%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (43%)
- Magenta (33%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AB9D 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 91AB9D by changing the saturation by 10% instead.



91AB9D

91AB9D

FFFFFF

779083

C7E2D4

5E776A

E3FFF0

465E52

30463B

1A3025

021B10

000000

91AB9D

91AB9D

80AB94

A2ABA6

 6FAB8B

 B3ABAF

 5EAB81

 C4ABB9

 4DAB78

 D5ABC2

 3CAB6F

 E6ABCB

 2AAB66

 F8ABD4

 19AB5D

 FFABDD

 08AB53

 FFABE7

 00AB4F

 FFABF0

# Harmonies

## Analogous

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



9DA994



91AB9D



89ACA9

# Triad

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



91AB9D



9EA5BB



BC9F97

# Complementary

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



91AB9D



AB919F

# 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.



BD9DA1



91AB9D



ACA1B6

# Square

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



91AB9D



91A8BA



B79EAD



B5A290

# Rectangle

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



91AB9D



88ABB0



B79EAD



BD9E9A



# Sweetspot

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



91AB9D



D3DED8



9FAB91



69706D



F0F0F0



707070



# Same Dimension

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



91AB9D



B6DEC8



91ABAA



4E5752



009645



00170B



# Inverse Universe

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



AB919F



DEB6CB



AB9192



574E53



960051

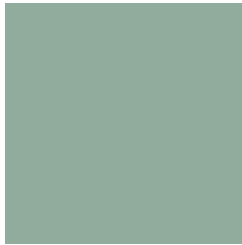


17000C



# Previews

## White Background



This preview shows how the Hex color 91AB9D looks on a white background.

## Color Contrast Check

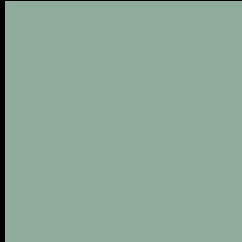
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 91AB9D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

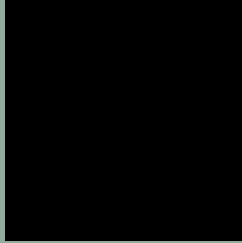
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91AB9D Background



This preview shows how black text looks on a background with the Hex color 91AB9D.

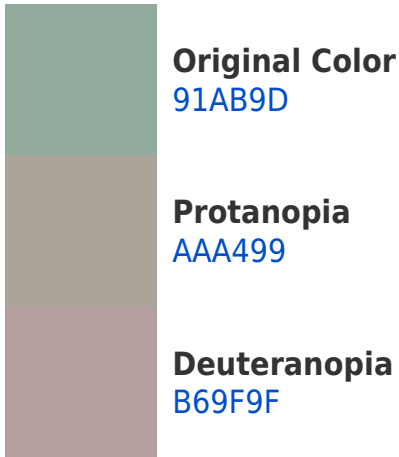


This preview shows how white text looks on a background with the Hex color 91AB9D.

# 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](#).

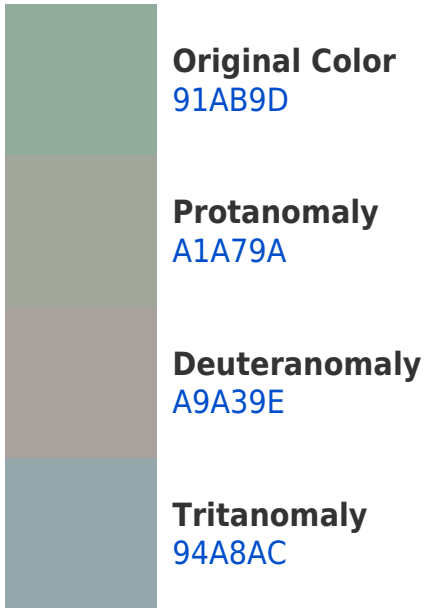
## Dichromacy



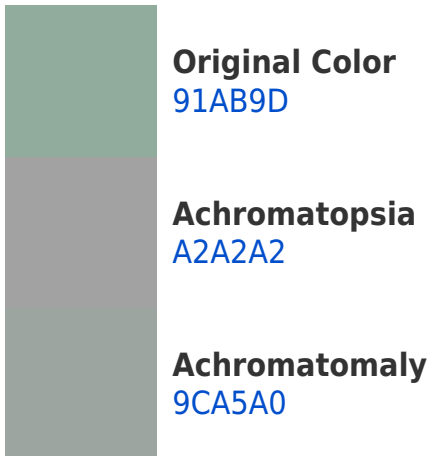


**Tritanopia**  
95A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AB9D 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 #91AB9D looks like.

```
.text, #text, p{  
    color:#91AB9D  
}
```

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 #91AB9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AB9D
}
```

## Border

The CSS property to change the border of an element to Hex 91AB9D 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
#91AB9D }
```

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

```
.border{ border-color:#91AB9D }
```

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

Here you see how a box with a 4 pixel #91AB9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AB9D; -webkit-box-shadow:4px 4px  
4px 4px #91AB9D; box-shadow:4px 4px 4px  
4px #91AB9D }
```

# Background

The CSS property to change the background color of an element to Hex 91AB9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AB9D }
```

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

```
.background{ background-color:#91AB9D }
```

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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