

# Converting Colors

Hex(91AF9C)

Have a look what the booklet for  
Hex(91AF9C) contains.

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# **Color**

**Hex(91AF9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91AF9C
RGB	145, 175, 156
RGB Percent	57%, 69%, 61%
CMY	0.4314, 0.3137, 0.3882
CMYK	0.17, 0.00, 0.11, 0.31
HSL	142°, 16%, 63%
HSV	142°, 17%, 69%
XYZ	33.0078, 39.0800, 37.2560
YIQ	163.8640, -11.7810, -12.2690

# Conversions

## Conversions Part 2

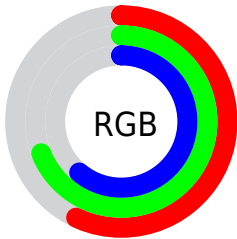
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 167, 175
Decimal	9547676
CIELab	68.81, -14.11, 6.34
CIELCh	69, 15.465, 155.813
Yxy	39.0800, 0.3019, 0.3574
Android (android.graphics.Color)	4287737756 (0xFF91AF9C)
YUV	163.8640, -3.8770, -16.5437
Hunter-Lab	62.5140, -15.1504, 8.4252

# Details

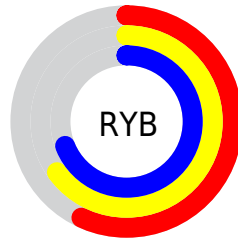
The Hex color **91AF9C** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF91A4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C7E7D2**, and **5E7A69** is the 20% darker color. If you saturate the color by 10%, you get **80AF91**, and if you desaturate by 10%, it is **A3AFA7**.

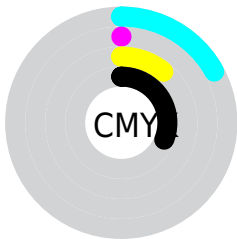
# Distribution



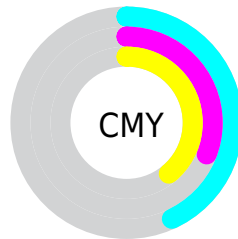
- Red (57%)
- Green (69%)
- Blue (61%)



- Red (57%)
- Yellow (65%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AF9C 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 91AF9C by changing the saturation by 10% instead.





91AF9C



91AF9C

FFFFFF



779482



C7E7D2



5E7A69



E3FFEF



466251



2F4A3A



193324



021E0F



000000



91AF9C



91AF9C



80AF91



A3AFA7

 6EAF86

 B4AFB2

 5CAF7B

 C6AFBD

 4BAF70

 D7AFC8

 3AAF65

 E9AFD3

 28AF5A

 FAAFDE

 16AF4E

 FFAFEA

 05AF43

 FFAFF5

 00AF40

 FFAFFF

# Harmonies

## Analogous

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



A0AC91



91AF9C



86B0AA

# Triad

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



91AF9C



9CA8C3



C5A098

# Complementary

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



91AF9C



AF91A4

# 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.



C59EA6



91AF9C



AEA3BF

# Square

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



91AF9C



8CACC1



BDA0B4



BDA38F

# Rectangle

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



91AF9C



83B0B3



BDA0B4



C69F9C



# Sweetspot

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



91AF9C



D8E3DC



A4AF91



6C736E



F2F2F2



737373



# Same Dimension

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



91AF9C



B3E3C5



91AFAB



4E5751



009637



001708



# Inverse Universe

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



AF91A4



E3B3D1



AF9195



574E54



96005F



17000F



# Previews

## White Background



This preview shows how the Hex color 91AF9C looks on a white background.

## Color Contrast Check

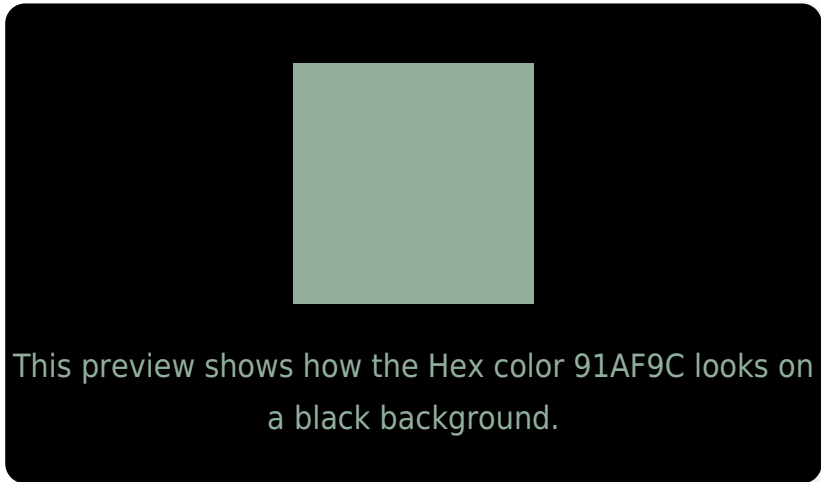
Large Text (above 18pt) WCAG AA × Fail

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

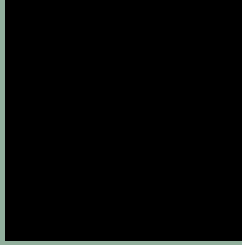
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91AF9C Background



This preview shows how black text looks on a background with the Hex color 91AF9C.



This preview shows how white text looks on a background with the Hex color 91AF9C.

# 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](#).

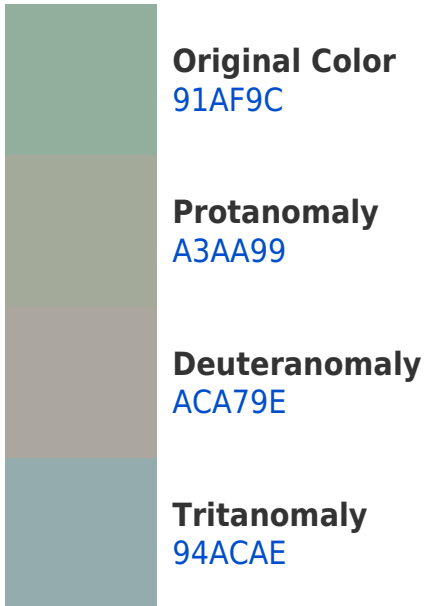
## Dichromacy



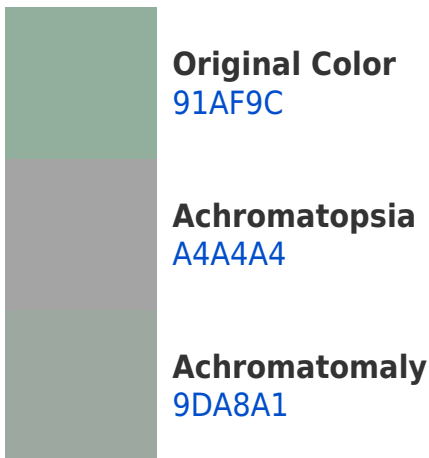


**Tritanopia**  
96ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AF9C 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 #91AF9C looks like.

```
.text, #text, p{  
    color:#91AF9C  
}
```

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 #91AF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AF9C
}
```

## Border

The CSS property to change the border of an element to Hex 91AF9C 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
#91AF9C }
```

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

```
.border{ border-color:#91AF9C }
```

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

Here you see how a box with a 4 pixel #91AF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AF9C; -webkit-box-shadow:4px 4px  
4px 4px #91AF9C; box-shadow:4px 4px 4px  
4px #91AF9C }
```

# Background

The CSS property to change the background color of an element to Hex 91AF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AF9C }
```

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

```
.background{ background-color:#91AF9C }
```

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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