

# Converting Colors

Hex(90B1A8)

Have a look what the booklet for  
Hex(90B1A8) contains.

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# **Color**

**Hex(90B1A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90B1A8
RGB	144, 177, 168
RGB Percent	56%, 69%, 66%
CMY	0.4353, 0.3059, 0.3412
CMYK	0.19, 0.00, 0.05, 0.31
HSL	164°, 17%, 63%
HSV	164°, 19%, 69%
XYZ	34.2916, 40.2007, 42.9979
YIQ	166.1070, -16.7790, -9.7950

# Conversions

## Conversions Part 2

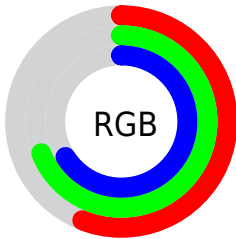
Format	Color
<a href="#">RYB</a>	<a href="#">144, 163, 177</a>
Decimal	<a href="#">9482664</a>
CIELab	<a href="#">69.61, -13.07, 0.87</a>
CIElCh	<a href="#">70, 13.100, 176.170</a>
Yxy	<a href="#">40.2007, 0.2919, 0.3422</a>
Android (android.graphics.Color)	<a href="#">4287672744</a> (0xFF90B1A8)
YUV	<a href="#">166.1070, 0.9332, -19.3878</a>
Hunter-Lab	<a href="#">63.4040, -14.4166, 4.1749</a>

# Details

The Hex color **90B1A8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B19099**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C6E9DF**, and **5D7C74** is the 20% darker color. If you saturate the color by 10%, you get **7EB1A3**, and if you desaturate by 10%, it is **A2B1AD**.

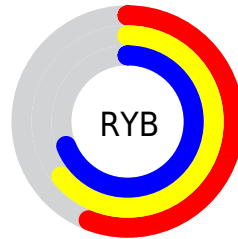
# Distribution



Red (56%)

Green (69%)

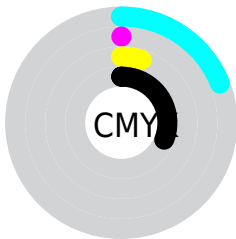
Blue (66%)



Red (56%)

Yellow (64%)

Blue (69%)

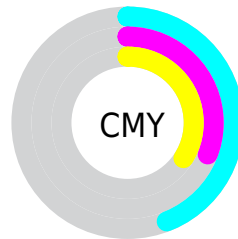


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90B1A8 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 90B1A8 by changing the saturation by 10% instead.



 90B1A8

 90B1A8

FFFFFF

 76968E

 C6E9DF

 5D7C74

 E2FFFC

 45635C

 2E4B44

 17352E

 011F19

 000000

 90B1A8

 90B1A8

 7EB1A3

 A2B1AD

 6DB19E

 B3B1B2

 5BB19A

 C5B1B6

 49B195

 D7B1BB

 38B190

 E9B1C0

 26B18B

 FAB1C5

 14B186

 FFB1CA

 02B181

 FFB1CF

 00B181

 FFB1D3

# Harmonies

## Analogous

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



9BAF9D



90B1A8



8CB1B4

# Triad

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



90B1A8



ABA8BF



BFA597

# Complementary

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



90B1A8



B19099

# 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.



C3A2A0



90B1A8



B8A4B7

# Square

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



90B1A8



9BACC1



C1A2AC



B5A993

# Rectangle

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



90B1A8



8DB0BB



C1A2AC



C1A499



# Sweetspot

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



90B1A8



D8E6E2



99B190



6B7371



F2F2F2



737373



# Same Dimension

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



90B1A8



B3E6D8



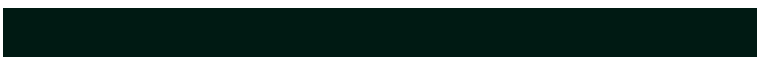
90AAB1



505957



00996F



001A13



# Inverse Universe

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



B19099



E6B3C1



B19790



595053



99002A



1A0007



# Previews

## White Background



This preview shows how the Hex color 90B1A8 looks on a white background.

## Color Contrast Check

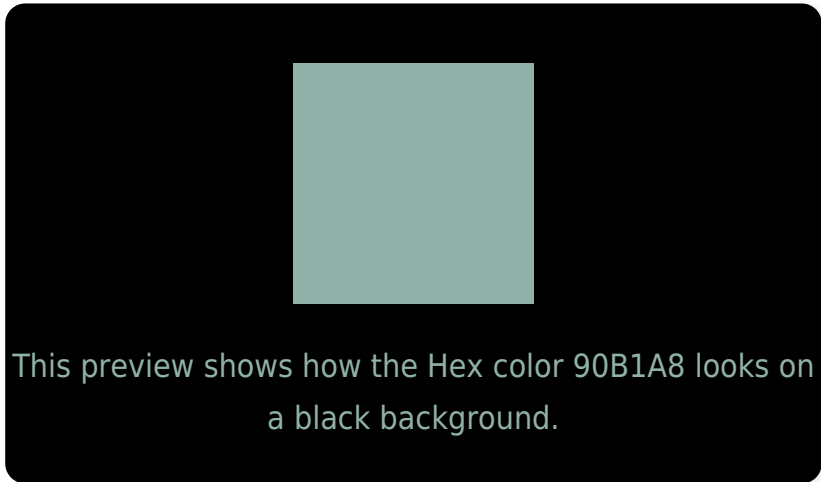
Large Text (above 18pt) WCAG AA × Fail

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

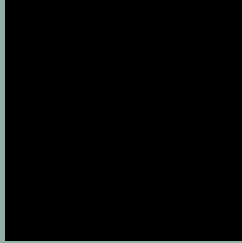
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90B1A8 Background



This preview shows how black text looks on a background with the Hex color 90B1A8.

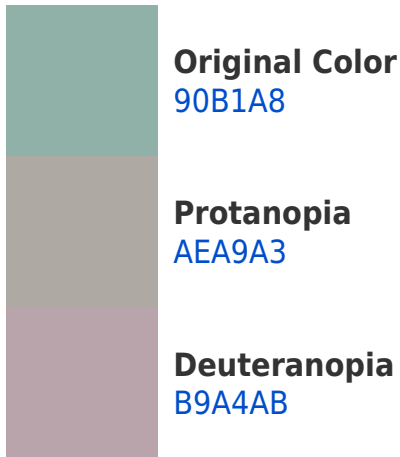


This preview shows how white text looks on a background with the Hex color 90B1A8.

# 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](#).

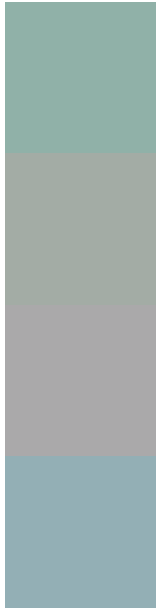
## Dichromacy





**Tritanopia**  
94AEBC

# Trichromacy



**Original Color**  
90B1A8

**Protanomaly**  
A3ACA5

**Deuteranomaly**  
AAA9AA

**Tritanomaly**  
93AFB5

# Monochromacy



**Original Color**  
90B1A8

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
9EAAA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90B1A8 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 #90B1A8 looks like.

```
.text, #text, p{  
    color:#90B1A8  
}
```

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 #90B1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B1A8  
}
```

## Border

The CSS property to change the border of an element to Hex 90B1A8 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  
#90B1A8 }
```

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

```
.border{ border-color:#90B1A8 }
```

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

Here you see how a box with a 4 pixel #90B1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B1A8; -webkit-box-shadow:4px 4px  
4px 4px #90B1A8; box-shadow:4px 4px 4px  
4px #90B1A8 }
```

# Background

The CSS property to change the background color of an element to Hex 90B1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B1A8 }
```

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

```
.background{ background-color:#90B1A8 }
```

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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