

# Converting Colors

Hex(9ABD8D)

Have a look what the booklet for  
Hex(9ABD8D) contains.

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# **Color**

**Hex(9ABD8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ABD8D
RGB	154, 189, 141
RGB Percent	60%, 74%, 55%
CMY	0.3961, 0.2588, 0.4471
CMYK	0.19, 0.00, 0.25, 0.26
HSL	104°, 27%, 65%
HSV	104°, 25%, 74%
XYZ	36.3317, 45.1883, 32.0066
YIQ	173.0630, -5.4520, -22.3480

# Conversions

## Conversions Part 2

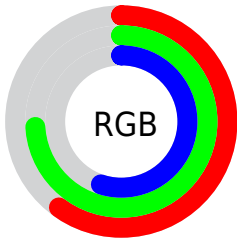
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 189, 176
Decimal	10141069
CIELab	73.02, -20.82, 20.49
CIElCh	73, 29.212, 135.448
Yxy	45.1883, 0.3200, 0.3980
Android (android.graphics.Color)	4288331149 (0xFF9ABD8D)
YUV	173.0630, -15.8071, -16.7183
Hunter-Lab	67.2222, -21.1647, 18.8257

# Details

The Hex color **9ABD8D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B08DBD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D1F5C3**, and **66885B** is the 20% darker color. If you saturate the color by 10%, you get **8CBD7A**, and if you desaturate by 10%, it is **A8BDA0**.

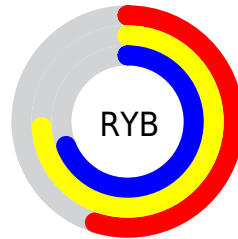
# Distribution



Red (60%)

Green (74%)

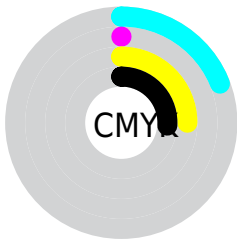
Blue (55%)



Red (55%)

Yellow (74%)

Blue (69%)

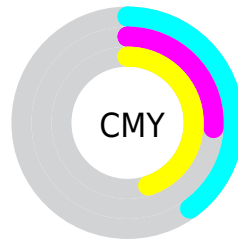


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABD8D 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 9ABD8D by changing the saturation by 10% instead.



 9ABD8D

FFFFFF

 D1F5C3

 EDFFDF

 FFFFFC

 9ABD8D

 80A273

 66885B

 4D6E43

 36562C

 1F3E17

 0A2800

 001200

 000000

 9ABD8D

 9ABD8D

 8CBD7A

 A8BDA0

 7EBD67

 B6BDB3

 71BD54

 C3BDC6

 63BD41

 D1BDD9

 55BD2F

 DFBDEC

 47BD1C

 EDBDFE

 3ABD09

 FABDFE

 33BD00

 FFBDFE

# Harmonies

## Analogous

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



B8B67F



9ABD8D



7CC1A5

# Triad

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



9ABD8D



7FBAE6



E9A0A6

# Complementary

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



9ABD8D



B08DBD

# 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.



E0A1C1



9ABD8D



A5B1E7

# Square

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



9ABD8D



64C0D8



C8A8D9



E4A58E

# Rectangle

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



9ABD8D



6AC2B7



C8A8D9



E89FAF

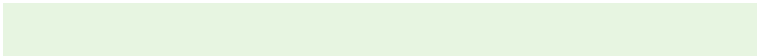


# Sweetspot

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



9ABD8D



E7F5E1



BDAF8D



717A6E



FAFAFA



7A7A7A

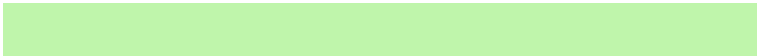


# Same Dimension

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



9ABD8D



BFF5AB



8DBD97



575E55



2B9E00



081F00



# Inverse Universe

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



B08DBD



E1ABF5



BD8DB3



5C555E



73009E



16001F



# Previews

## White Background



This preview shows how the Hex color 9ABD8D looks on a white background.

## Color Contrast Check

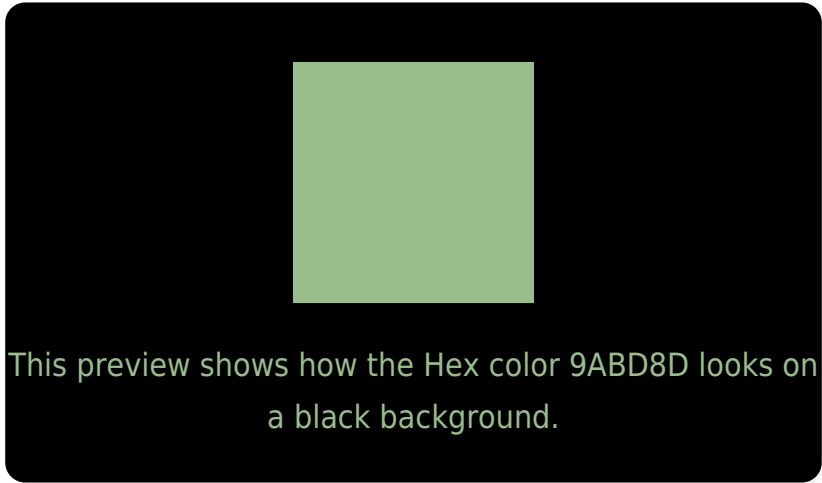
Large Text (above 18pt) WCAG AA × Fail

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

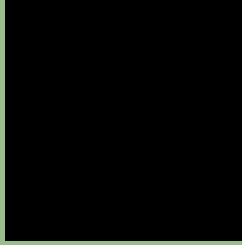
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9ABD8D Background



This preview shows how black text looks on a background with the Hex color 9ABD8D.

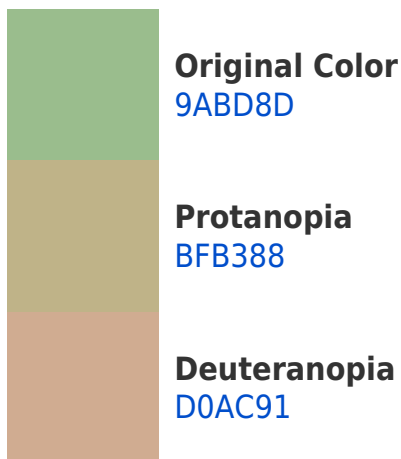


This preview shows how white text looks on a background with the Hex color 9ABD8D.

# 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](#).

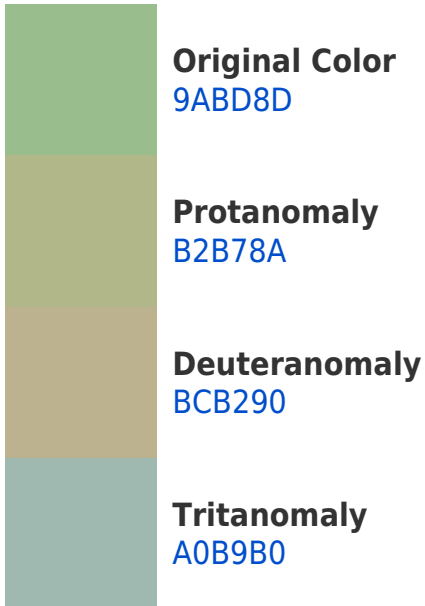
## Dichromacy



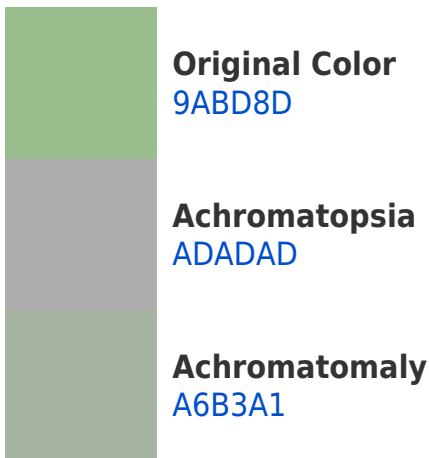


**Tritanopia**  
A3B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABD8D 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 #9ABD8D looks like.

```
.text, #text, p{  
    color:#9ABD8D  
}
```

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 #9ABD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABD8D
}
```

## Border

The CSS property to change the border of an element to Hex 9ABD8D 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
#9ABD8D }
```

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

```
.border{ border-color:#9ABD8D }
```

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

Here you see how a box with a 4 pixel #9ABD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABD8D; -webkit-box-shadow:4px 4px  
4px 4px #9ABD8D; box-shadow:4px 4px 4px  
4px #9ABD8D }
```

# Background

The CSS property to change the background color of an element to Hex 9ABD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABD8D }
```

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

```
.background{ background-color:#9ABD8D }
```

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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