

# Converting Colors

Hex(9AD8C4)

Have a look what the booklet for  
Hex(9AD8C4) contains.

|  |    |
|--|----|
| <b>Hex(9AD8C4)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(9AD8C4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9AD8C4                       |
| RGB         | 154, 216, 196                |
| RGB Percent | 60%, 85%, 77%                |
| CMY         | 0.3961, 0.1529, 0.2314       |
| CMYK        | 0.29, 0.00, 0.09, 0.15       |
| HSL         | 161°, 44%, 73%               |
| HSV         | 161°, 29%, 85%               |
| XYZ         | 47.8461, 59.9673, 61.2776    |
| YIQ         | 195.1820, -30.5320, -19.3640 |

# Conversions

## Conversions Part 2

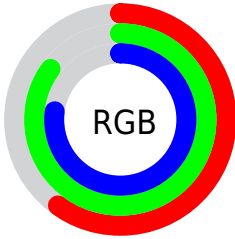
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 154, 191, 216                 |
| Decimal                             | 10148036                      |
| CIELab                              | 81.82, -23.89, 3.53           |
| CIELCh                              | 82, 24.153, 171.592           |
| Yxy                                 | 59.9673, 0.2830,<br>0.3546    |
| Android<br>(android.graphics.Color) | 4288338116<br>(0xFF9AD8C4)    |
| YUV                                 | 195.1820, 0.4033,<br>-36.1166 |
| Hunter-Lab                          | 77.4385, -25.2296,<br>7.2904  |

# Details

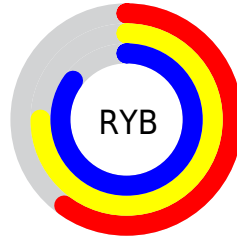
The Hex color **9AD8C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D89AAE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D2FFFD**, and **65A18E** is the 20% darker color. If you saturate the color by 10%, you get **84D8BD**, and if you desaturate by 10%, it is **B0D8CB**.

# Distribution



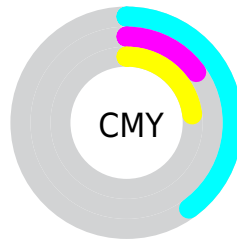
- Red (60%)
- Green (85%)
- Blue (77%)



- Red (60%)
- Yellow (75%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD8C4 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 9AD8C4 by changing the saturation by 10% instead.



 9AD8C4

 9AD8C4

FFFFFF

 7FBCA9

 D2FFFD

 65A18E

 EEEFFF

 4B8775

 316D5C

 165445

 003D2E

 00271A

 000C00

 000000

 9AD8C4

 9AD8C4

 84D8BD

 B0D8CB

 6FD8B6

 C5D8D2

 59D8AF

 DBD8D9

 44D8A8

 F0D8E0

 2ED8A1

 FFD8E7

 18D89A

 FFD8EE

 03D893

 FFD8F5

 00D892

 FFD8FC

 FFD8FF

# Harmonies

## Analogous

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



B1D5AF



9AD8C4



8DD8DB

# Triad

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



9AD8C4



C7C8F5



F4C1A9

# Complementary

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



9AD8C4



D89AAE

# 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.



FABCBC



9AD8C4



E3C0E8

# Square

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



9AD8C4



A9CFF8



F5BCD3



E3C89F

# Rectangle

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



9AD8C4



8ED7E9



F5BCD3



F7BFAE

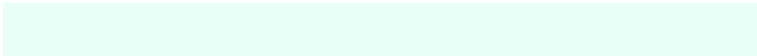


# Sweetspot

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



9AD8C4



E8FFF8



AFD89A



71807B



000000



808080

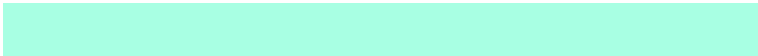


# Same Dimension

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



9AD8C4



A8FFE3



9ACED8



606B68



00AB74



002B1D



# Inverse Universe

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



D89AAE



FFA8C4



D8A49A



6B6064



AB0037



2B000E



# Previews

## White Background



This preview shows how the Hex color 9AD8C4 looks on a white background.

## Color Contrast Check

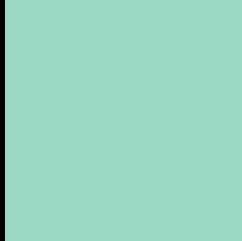
Large Text (above 18pt) WCAG AA × Fail

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 9AD8C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

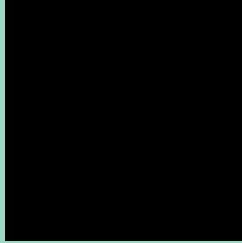
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

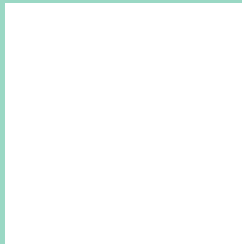
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AD8C4 Background



This preview shows how black text looks on a background with the Hex color 9AD8C4.

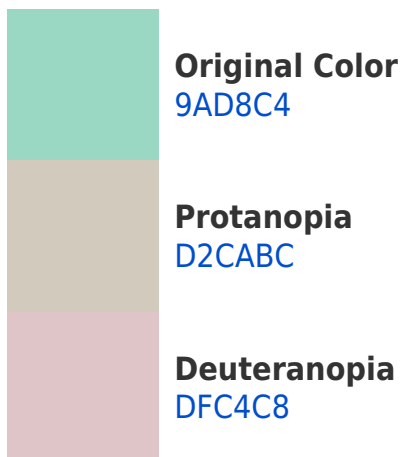


This preview shows how white text looks on a background with the Hex color 9AD8C4.

# 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



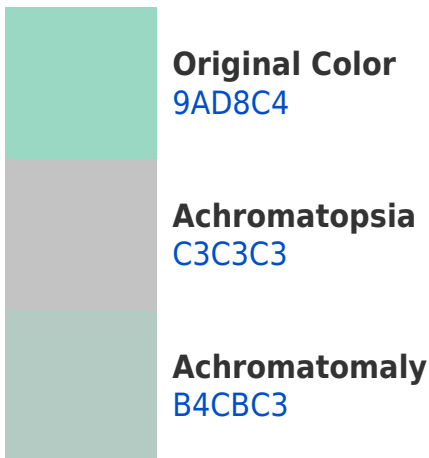


**Tritanopia**  
A1D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD8C4 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 #9AD8C4 looks like.

```
.text, #text, p{  
    color:#9AD8C4  
}
```

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 #9AD8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD8C4
}
```

## Border

The CSS property to change the border of an element to Hex 9AD8C4 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
#9AD8C4 }
```

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

```
.border{ border-color:#9AD8C4 }
```

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

Here you see how a box with a 4 pixel #9AD8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD8C4; -webkit-box-shadow:4px 4px  
4px 4px #9AD8C4; box-shadow:4px 4px 4px  
4px #9AD8C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9AD8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD8C4 }
```

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

```
.background{ background-color:#9AD8C4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor