

# Converting Colors

Hex(9BD5AC)

Have a look what the booklet for  
Hex(9BD5AC) contains.

<b>Hex(9BD5AC)</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(9BD5AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD5AC
RGB	155, 213, 172
RGB Percent	61%, 84%, 67%
CMY	0.3922, 0.1647, 0.3255
CMYK	0.27, 0.00, 0.19, 0.16
HSL	138°, 41%, 72%
HSV	138°, 27%, 84%
XYZ	44.7582, 57.5356, 47.7762
YIQ	190.9840, -21.4070, -25.0470

# Conversions

## Conversions Part 2

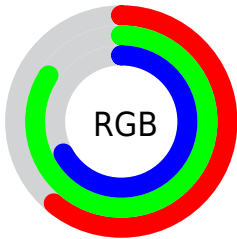
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 200, 213
Decimal	10212780
CIELab	80.48, -26.86, 14.37
CIELCh	80, 30.464, 151.861
Yxy	57.5356, 0.2982, 0.3834
Android (android.graphics.Color)	4288402860 (0xFF9BD5AC)
YUV	190.9840, -9.3591, -31.5580
Hunter-Lab	75.8522, -27.4137, 15.7522

# Details

The Hex color **9BD5AC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D59BC4**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D2FFE3**, and **669E78** is the 20% darker color. If you saturate the color by 10%, you get **86D59D**, and if you desaturate by 10%, it is **B0D5BB**.

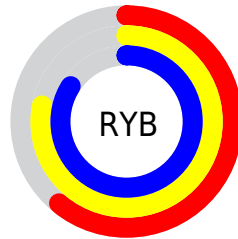
# Distribution



Red (61%)

Green (84%)

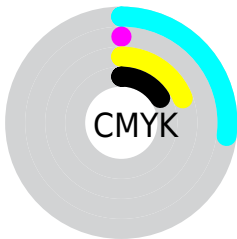
Blue (67%)



Red (61%)

Yellow (78%)

Blue (84%)

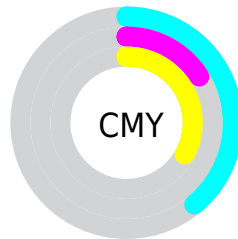


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD5AC 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 9BD5AC by changing the saturation by 10% instead.



 9BD5AC

FFFFFF

 D2FFE3

 EFFFFFF

 9BD5AC

 80B991

 669E78

 4D845F

 346A47

 1A5230

 003A1B

 002502

 000300

 000000

 9BD5AC

 9BD5AC

 86D59D

 B0D5BB

 70D58E

 C6D5CA

 5BD57F

 DBD5D9

 46D570

 F0D5E8

 30D561

 FFD5F7

 1BD552

 FFD5FF

 06D543

 00D53E

# Harmonies

## Analogous

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



BCCF97



9BD5AC



7ED8C9

# Triad

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



9BD5AC



A6CAFF



FFB5AB

# Complementary

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



9BD5AC



D59BC4

# 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.



FFB3C7



9BD5AC



CEC0F8

# Square

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



9BD5AC



81D2F9



EEB7E3



F3BD96

# Rectangle

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



9BD5AC



72D7DC



EEB7E3



FFB4B4



# Sweetspot

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



9BD5AC



EBFFF1



C5D59B



738076



000000



808080

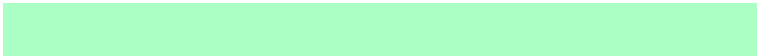


# Same Dimension

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



9BD5AC



ABFFC4



9BD5C8



606B64



00AB32



002B0D



# Inverse Universe

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



D59BC4



FFABE6



D59BA8



6B6068



AB0079

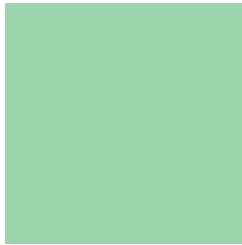


2B001F



# Previews

## White Background



This preview shows how the Hex color 9BD5AC looks on a white background.

## Color Contrast Check

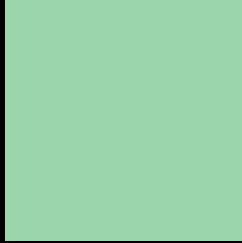
Large Text (above 18pt) WCAG AA × Fail

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 9BD5AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

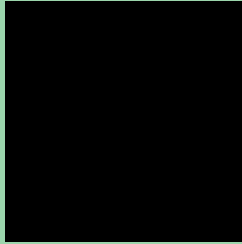
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BD5AC Background



This preview shows how black text looks on a background with the Hex color 9BD5AC.

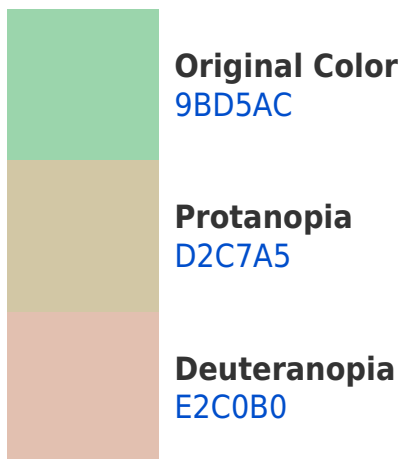


This preview shows how white text looks on a background with the Hex color 9BD5AC.

# Color Blindness Simulation

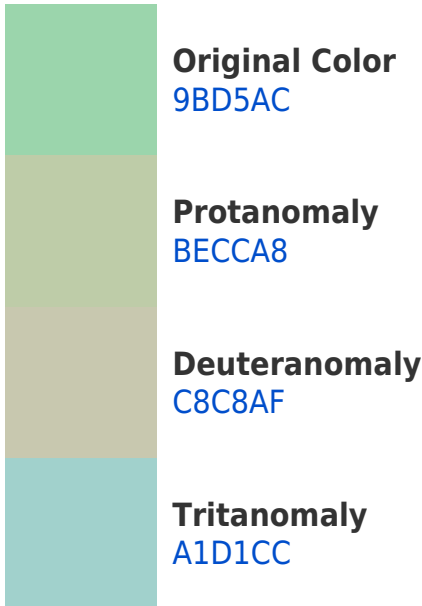
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

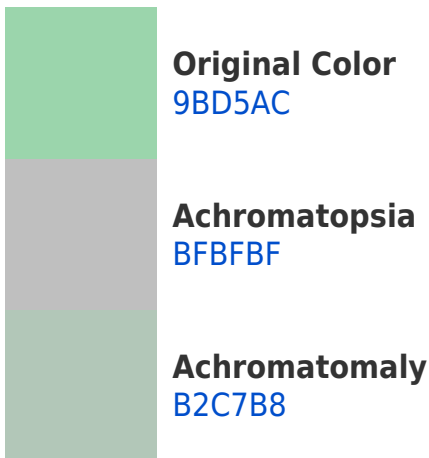




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD5AC 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 #9BD5AC looks like.

```
.text, #text, p{  
    color:#9BD5AC  
}
```

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 #9BD5AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD5AC
}
```

## Border

The CSS property to change the border of an element to Hex 9BD5AC 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
#9BD5AC }
```

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

```
.border{ border-color:#9BD5AC }
```

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

Here you see how a box with a 4 pixel #9BD5AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD5AC; -webkit-box-shadow:4px 4px  
4px 4px #9BD5AC; box-shadow:4px 4px 4px  
4px #9BD5AC }
```

# Background

The CSS property to change the background color of an element to Hex 9BD5AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD5AC }
```

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

```
.background{ background-color:#9BD5AC }
```

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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