

# Converting Colors

Hex(9BD08A)

Have a look what the booklet for  
Hex(9BD08A) contains.

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**Color**

**Hex(9BD08A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD08A
RGB	155, 208, 138
RGB Percent	61%, 82%, 54%
CMY	0.3922, 0.1843, 0.4588
CMYK	0.25, 0.00, 0.34, 0.18
HSL	105°, 43%, 68%
HSV	105°, 34%, 82%
XYZ	40.6609, 53.9153, 32.3084
YIQ	184.1730, -9.1180, -33.0060

# Conversions

## Conversions Part 2

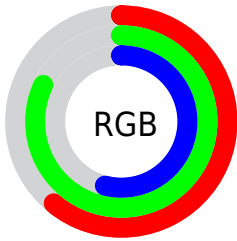
Format	Color
<a href="#">RYB</a>	<a href="#">138, 208, 191</a>
Decimal	<a href="#">10211466</a>
CIELab	<a href="#">78.41, -30.20, 29.38</a>
CIELCh	<a href="#">78, 42.137, 135.789</a>
Yxy	<a href="#">53.9153, 0.3205, 0.4249</a>
Android (android.graphics.Color)	<a href="#">4288401546 (0xFF9BD08A)</a>
YUV	<a href="#">184.1730, -22.7633, -25.5847</a>
Hunter-Lab	<a href="#">73.4270, -29.6513, 25.3109</a>

# Details

The Hex color **9BD08A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF8AD0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D3FFC0**, and **669957** is the 20% darker color. If you saturate the color by 10%, you get **8BD075**, and if you desaturate by 10%, it is **ABD09F**.

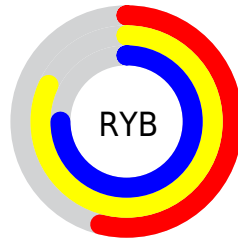
# Distribution



Red (61%)

Green (82%)

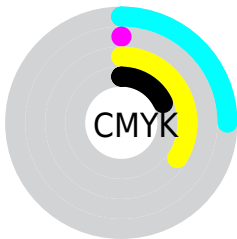
Blue (54%)



Red (54%)

Yellow (82%)

Blue (75%)

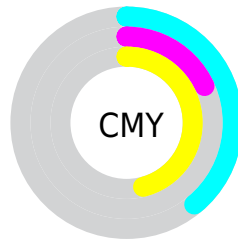


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD08A 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 9BD08A by changing the saturation by 10% instead.



 9BD08A

 9BD08A

FFFFFF

 80B470

 D3FFC0

 669957

 EFFFDC

 4C7F3F

 FFFFF9

 336628

 194D11

 003600

 002200

 000000

 9BD08A

 9BD08A

 8BD075

 ABD09F

 7CD060

 BAD0B4

 6CD04C

 CAD0C8

 5CD037

 DAD0DD

 4CD022

 EAD0F2

 3DD00D

 F9D0FF

 33D000

 FFD0FF

# Harmonies

## Analogous

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



C7C675



9BD08A



69D6AD

# Triad

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



9BD08A



67CBFF



FFA4AF

# Complementary

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



9BD08A



BF8AD0

# 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.



FFA6D6



9BD08A



ABBFFF

# Square

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



9BD08A



19D4F9



E0B0F9



FFAC8C

# Rectangle

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



9BD08A



41D7C9



E0B0F9



FFA3BC



# Sweetspot

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



9BD08A



ECFFE6



D0BF8A



748070



000000



808080

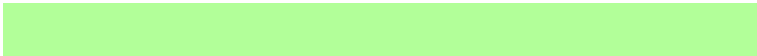


# Same Dimension

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



9BD08A



B2FF99



8AD09C



61695E



29A800



0A2900



# Inverse Universe

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



BF8AD0



E699FF



D08ABF



665E69



7F00A8



1F0029



# Previews

## White Background



This preview shows how the Hex color 9BD08A 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 9BD08A 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 9BD08A Background



This preview shows how black text looks on a background with the Hex color 9BD08A.

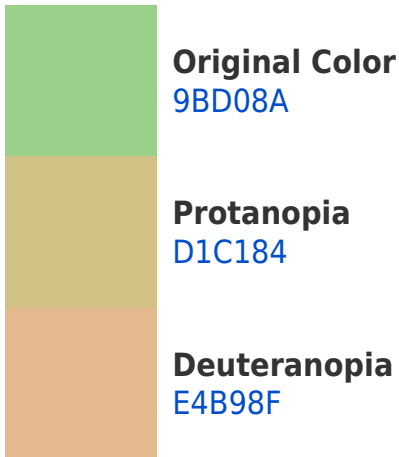


This preview shows how white text looks on a background with the Hex color 9BD08A.

# 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](#).

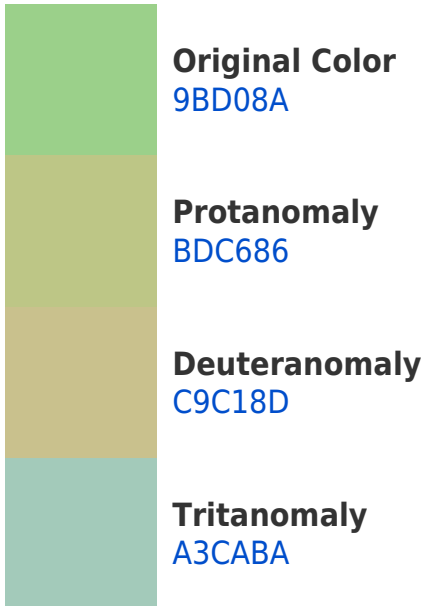
## Dichromacy



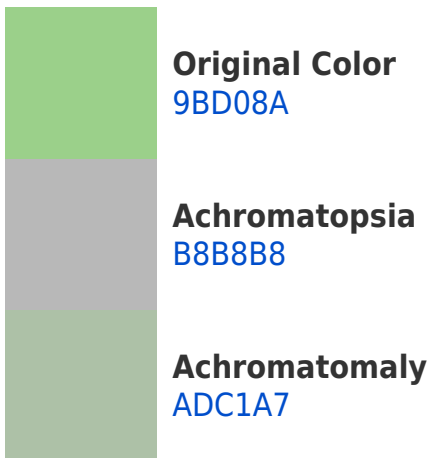


**Tritanopia**  
A8C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD08A 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 #9BD08A looks like.

```
.text, #text, p{  
    color:#9BD08A  
}
```

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 #9BD08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD08A
}
```

## Border

The CSS property to change the border of an element to Hex 9BD08A 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
#9BD08A }
```

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

```
.border{ border-color:#9BD08A }
```

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

Here you see how a box with a 4 pixel #9BD08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD08A; -webkit-box-shadow:4px 4px  
4px 4px #9BD08A; box-shadow:4px 4px 4px  
4px #9BD08A }
```

# Background

The CSS property to change the background color of an element to Hex 9BD08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD08A }
```

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

```
.background{ background-color:#9BD08A }
```

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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