

Converting Colors

Hex(9BD8A7)

Have a look what the booklet for
Hex(9BD8A7) contains.

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Color

Hex(9BD8A7)

Conversions

Conversions Part 1

Format	Color
Hex	9BD8A7
RGB	155, 216, 167
RGB Percent	61%, 85%, 65%
CMY	0.3922, 0.1529, 0.3451
CMYK	0.28, 0.00, 0.23, 0.15
HSL	132°, 44%, 73%
HSV	132°, 28%, 85%
XYZ	45.0485, 58.8703, 45.5480
YIQ	192.1750, -20.6270, -28.1710

Conversions

Conversions Part 2

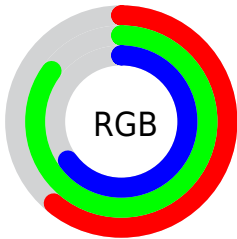
Format	Color
RYB	155, 206, 216
Decimal	10213543
CIELab	81.22, -29.22, 18.04
CIElCh	81, 34.338, 148.300
Yxy	58.8703, 0.3014, 0.3939
Android (android.graphics.Color)	4288403623 (0xFF9BD8A7)
YUV	192.1750, -12.4113, -32.6025
Hunter-Lab	76.7270, -29.4701, 18.5121

Details

The Hex color **9BD8A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D89BCC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D3FFDE**, and **66A173** is the 20% darker color. If you saturate the color by 10%, you get **85D896**, and if you desaturate by 10%, it is **B1D8B8**.

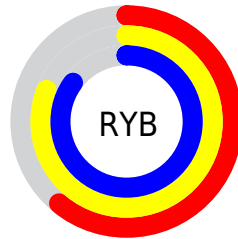
Distribution



Red (61%)

Green (85%)

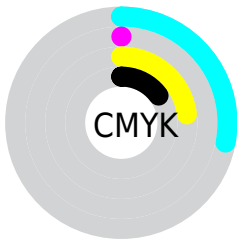
Blue (65%)



Red (61%)

Yellow (81%)

Blue (85%)

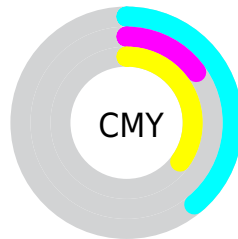


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD8A7 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 9BD8A7 by changing the saturation by 10% instead.

 9BD8A7

 9BD8A7

FFFFFF

 80BC8D

 D3FFDE

 66A173

 EFFFFB

 4C865A

 336D42

 19542C

 003C17

 002600

 000800

 000000

 9BD8A7

 9BD8A7

 85D896

 B1D8B8

 70D884

 C6D8CA

 5AD873

 DCD8DB

 45D862

 F1D8EC

 2FD850

 FFD8FE

 19D83F

 FFD8FF

 04D82E

 00D82A

Harmonies

Analogous

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



C0D190



9BD8A7



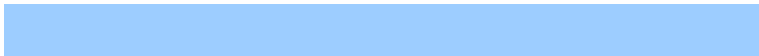
77DBC7

Triad

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



9BD8A7



9DCDFF



FFB4AD

Complementary

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



9BD8A7



D89BCC

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.



FFB2CD



9BD8A7



CCC2FF

Square

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



9BD8A7



71D6FF



F1B8EC



FCBC94

Rectangle

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



9BD8A7



66DBDD



F1B8EC



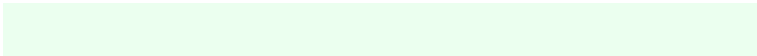
FFB2B7

Sweetspot

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



9BD8A7



EBFFEF



CDD89B



738075



000000



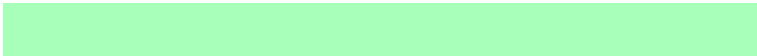
808080

Same Dimension

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



9BD8A7



A8FFB9



9BD8C5



606B62



00AB22



002B09

Inverse Universe

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



D89BCC



FFA8EE



D89BAE



6B6069



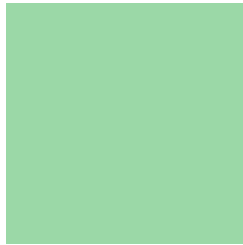
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 9BD8A7 looks on a white background.

Color Contrast Check

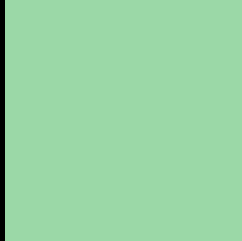
Large Text (above 18pt) WCAG AA × Fail

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 9BD8A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

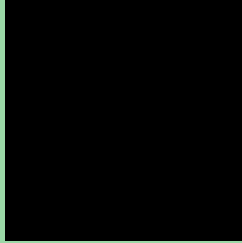
Any Text WCAG AA ✓ Pass

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 9BD8A7 Background



This preview shows how black text looks on a background with the Hex color 9BD8A7.

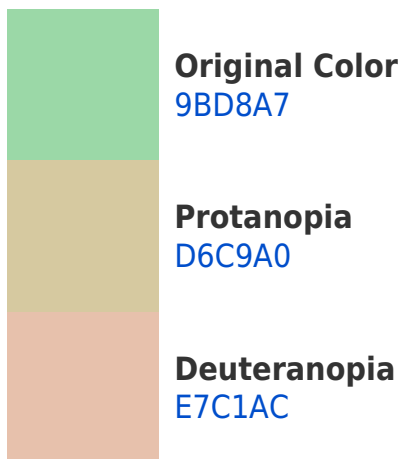


This preview shows how white text looks on a background with the Hex color 9BD8A7.

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](#).

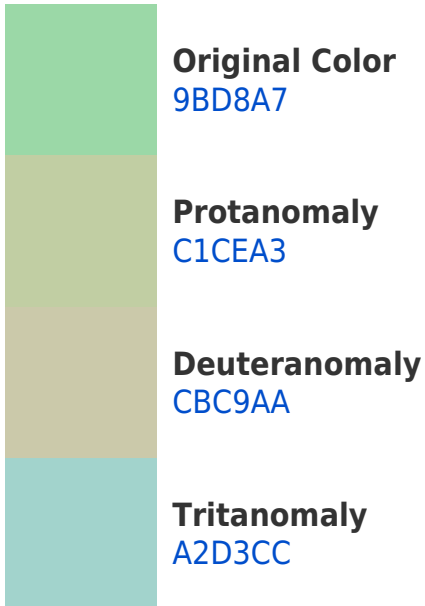
Dichromacy



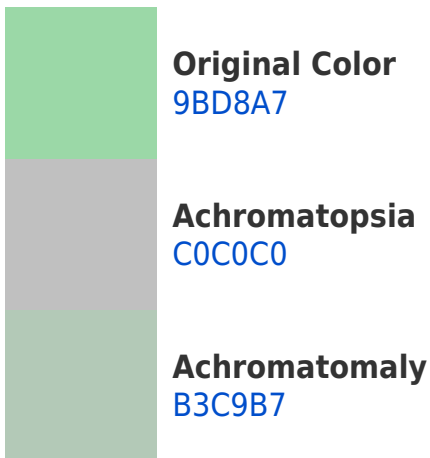


Tritanopia
A6D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD8A7 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 #9BD8A7 looks like.

```
.text, #text, p{  
    color:#9BD8A7  
}
```

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 #9BD8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD8A7
}
```

Border

The CSS property to change the border of an element to Hex 9BD8A7 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
#9BD8A7 }
```

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

```
.border{ border-color:#9BD8A7 }
```

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

Here you see how a box with a 4 pixel #9BD8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD8A7; -webkit-box-shadow:4px 4px  
4px 4px #9BD8A7; box-shadow:4px 4px 4px  
4px #9BD8A7 }
```

Background

The CSS property to change the background color of an element to Hex 9BD8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD8A7 }
```

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

```
.background{ background-color:#9BD8A7 }
```

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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