

# Converting Colors

Hex(99D7A3)

Have a look what the booklet for  
Hex(99D7A3) contains.

|  |    |
|--|----|
| <b>Hex(99D7A3)</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(99D7A3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 99D7A3                       |
| RGB         | 153, 215, 163                |
| RGB Percent | 60%, 84%, 64%                |
| CMY         | 0.4000, 0.1569, 0.3608       |
| CMYK        | 0.29, 0.00, 0.24, 0.16       |
| HSL         | 130°, 44%, 72%               |
| HSV         | 130°, 29%, 84%               |
| XYZ         | 44.0482, 58.0175, 43.5273    |
| YIQ         | 190.5340, -20.2600, -29.3160 |

# Conversions

## Conversions Part 2

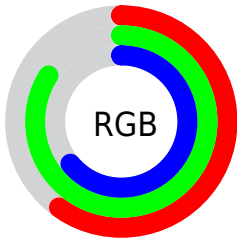
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">153, 206, 215</a>                    |
| Decimal                             | <a href="#">10082211</a>                         |
| CIELab                              | <a href="#">80.75, -30.09, 19.48</a>             |
| CIELCh                              | <a href="#">81, 35.842, 147.086</a>              |
| Yxy                                 | <a href="#">58.0175, 0.3025,<br/>0.3985</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288272291<br/>(0xFF99D7A3)</a>      |
| YUV                                 | <a href="#">190.5340, -13.5743,<br/>-32.9173</a> |
| Hunter-Lab                          | <a href="#">76.1692, -30.0708,<br/>19.4369</a>   |

# Details

The Hex color **99D7A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D799CD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D1FFDA**, and **64A06F** is the 20% darker color. If you saturate the color by 10%, you get **84D791**, and if you desaturate by 10%, it is **AFD7B5**.

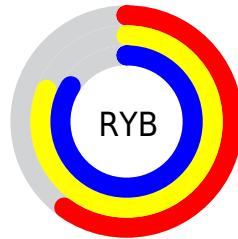
# Distribution



Red (60%)

Green (84%)

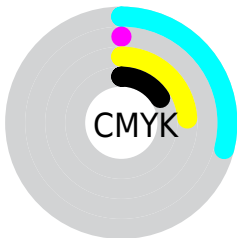
Blue (64%)



Red (60%)

Yellow (81%)

Blue (84%)

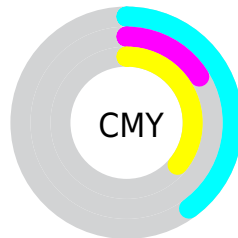


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D7A3 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 99D7A3 by changing the saturation by 10% instead.



 99D7A3

FFFFFF

 D1FFDA

 EDFFF7

 99D7A3

 7EBB89

 64A06F

 4A8556

 316C3F

 165328

 003C13

 002600

 000500

 000000

 99D7A3

 99D7A3

 84D791

 AFD7B5

 6ED77F

 C4D7C7

 58D76D

 DAD7D9

 43D75B

 EFD7EB

 2DD749

 FFD7FD

 18D737

 FFD7FF

 02D725

 00D723

# Harmonies

## Analogous

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



C0D08C



99D7A3



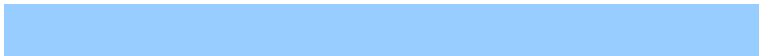
72DBC4

# Triad

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



99D7A3



97CDFE



FFB1AC

# Complementary

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



99D7A3



D799CD

# 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.



FFAFCD



99D7A3



C8C1FF

# Square

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



99D7A3



68D5FF



F0B6ED



FDBA91

# Rectangle

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



99D7A3



5EDBDB



F0B6ED



FFB0B6

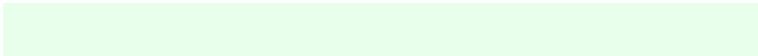


# Sweetspot

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



99D7A3



E8FFEC



CED799



718074



000000



808080

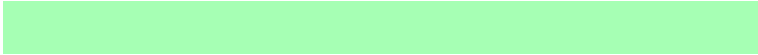


# Same Dimension

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



99D7A3



A6FFB4



99D7C1



606B62



00AB1C



002B07



# Inverse Universe

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



D799CD



FFA6F1



D799AF



6B6069



AB008F

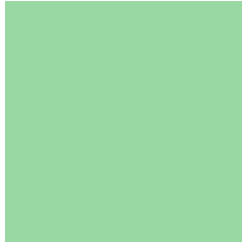


2B0024



# Previews

## White Background



This preview shows how the Hex color 99D7A3 looks on a white background.

## Color Contrast Check

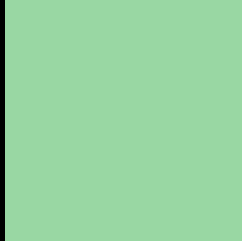
Large Text (above 18pt) WCAG AA × Fail

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 99D7A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

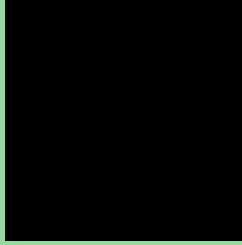
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99D7A3 Background



This preview shows how black text looks on a background with the Hex color 99D7A3.

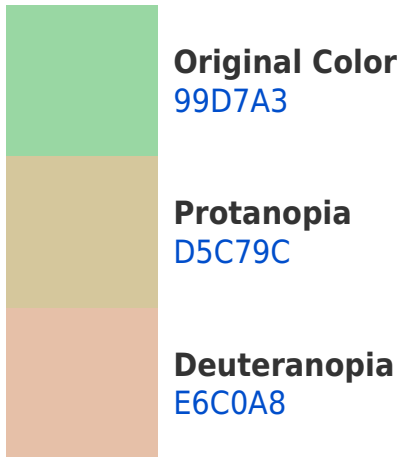


This preview shows how white text looks on a background with the Hex color 99D7A3.

# 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**  
A4CFE0

# Trichromacy



**Original Color**  
99D7A3



**Protanomaly**  
BFCD9F



**Deuteranomaly**  
CAC8A6



**Tritanomaly**  
A0D2CA

# Monochromacy



**Original Color**  
99D7A3



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
B1C8B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D7A3 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 #99D7A3 looks like.

```
.text, #text, p{  
    color:#99D7A3  
}
```

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 #99D7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D7A3
}
```

## Border

The CSS property to change the border of an element to Hex 99D7A3 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
#99D7A3 }
```

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

```
.border{ border-color:#99D7A3 }
```

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

Here you see how a box with a 4 pixel #99D7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D7A3; -webkit-box-shadow:4px 4px  
4px 4px #99D7A3; box-shadow:4px 4px 4px  
4px #99D7A3 }
```

# Background

The CSS property to change the background color of an element to Hex 99D7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D7A3 }
```

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

```
.background{ background-color:#99D7A3 }
```

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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