

# Converting Colors

Hex(99D3B2)

Have a look what the booklet for  
Hex(99D3B2) contains.

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# **Color**

**Hex(99D3B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D3B2
RGB	153, 211, 178
RGB Percent	60%, 83%, 70%
CMY	0.4000, 0.1725, 0.3020
CMYK	0.27, 0.00, 0.16, 0.17
HSL	146°, 40%, 71%
HSV	146°, 27%, 83%
XYZ	44.4670, 56.5752, 50.6959
YIQ	189.8960, -23.9750, -22.5590

# Conversions

## Conversions Part 2

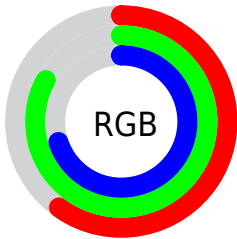
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 194, 211</a>
Decimal	<a href="#">10081202</a>
CIELab	<a href="#">79.94, -25.38, 10.40</a>
CIELCh	<a href="#">80, 27.430, 157.717</a>
Yxy	<a href="#">56.5752, 0.2931, 0.3728</a>
Android (android.graphics.Color)	<a href="#">4288271282 (0xFF99D3B2)</a>
YUV	<a href="#">189.8960, -5.8647, -32.3578</a>
Hunter-Lab	<a href="#">75.2165, -26.1019, 12.6901</a>

# Details

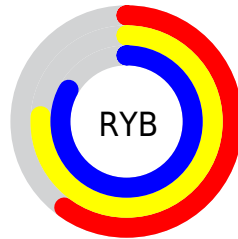
The Hex color **99D3B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D399BA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D0FFEA**, and **649C7D** is the 20% darker color. If you saturate the color by 10%, you get **84D3A6**, and if you desaturate by 10%, it is **AED3BE**.

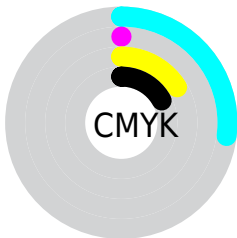
# Distribution



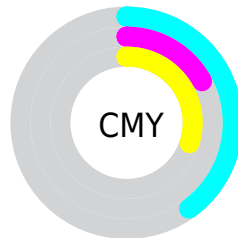
- Red (60%)
- Green (83%)
- Blue (70%)



- Red (60%)
- Yellow (76%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (40%)
- Magenta (17%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D3B2 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 99D3B2 by changing the saturation by 10% instead.





99D3B2



99D3B2

FFFFFF



7EB797



D0FFEA



649C7D



EDFFFF



4B8264



32694C



185036



003920



00230A



000000



99D3B2



99D3B2

 84D3A6

 AED3BE

 6FD39A

 C3D3CA

 5AD38E

 D8D3D6

 45D382

 EDD3E2

 2FD376

 FFD3EE

 1AD36A

 FFD3FA

 05D35E

 FFD3FF

 00D35B

# Harmonies

## Analogous

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



B6CE9D



99D3B2



82D5CC

# Triad

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



99D3B2



B0C6F9



F8B7A8

# Complementary

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



99D3B2



D399BA

# 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.



FAB4C0



99D3B2



D3BDEF

# Square

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



99D3B2



8FCEF5



EDB6DA



EABE98

# Rectangle

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



99D3B2



7BD4DD



EDB6DA



FAB5B0



# Sweetspot

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



99D3B2



EBFFF3



BBD399



738078



000000



808080

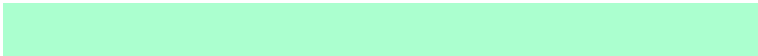


# Same Dimension

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



99D3B2



ABFFCF



99D3CE



5E6963



00A849



002912



# Inverse Universe

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



D399BA



FFABDB



D3999E



695E64



A80060

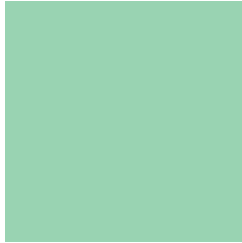


290017



# Previews

## White Background



This preview shows how the Hex color 99D3B2 looks on a white background.

## Color Contrast Check

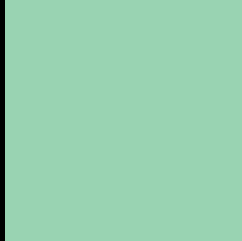
Large Text (above 18pt) WCAG AA × Fail

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 99D3B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

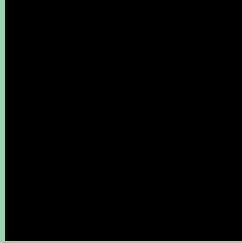
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99D3B2 Background



This preview shows how black text looks on a background with the Hex color 99D3B2.

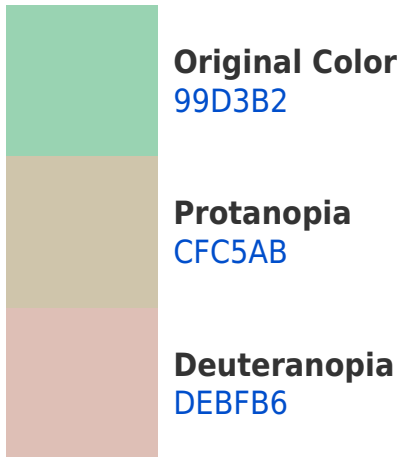


This preview shows how white text looks on a background with the Hex color 99D3B2.

# Color Blindness Simulation

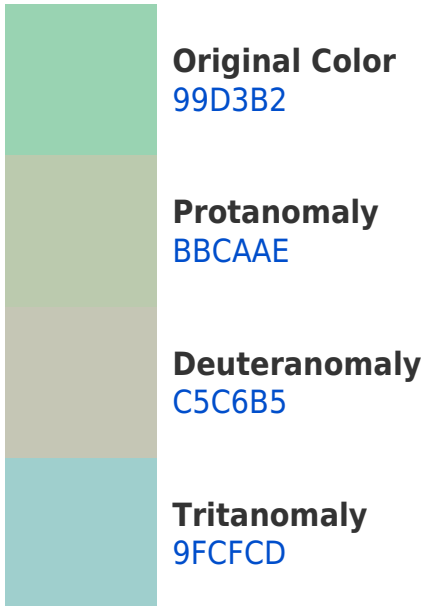
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

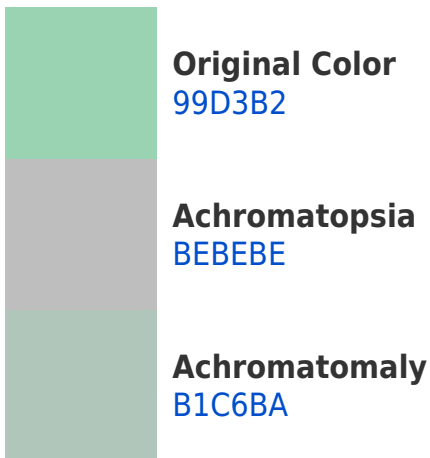




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D3B2 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 #99D3B2 looks like.

```
.text, #text, p{  
    color:#99D3B2  
}
```

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 #99D3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D3B2
}
```

## Border

The CSS property to change the border of an element to Hex 99D3B2 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
#99D3B2 }
```

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

```
.border{ border-color:#99D3B2 }
```

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

Here you see how a box with a 4 pixel #99D3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D3B2; -webkit-box-shadow:4px 4px  
4px 4px #99D3B2; box-shadow:4px 4px 4px  
4px #99D3B2 }
```

# Background

The CSS property to change the background color of an element to Hex 99D3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D3B2 }
```

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

```
.background{ background-color:#99D3B2 }
```

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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