

# Converting Colors

Hex(9DDBD3)

Have a look what the booklet for  
Hex(9DDBD3) contains.

<b>Hex(9DDBD3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DDBD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDBD3
RGB	157, 219, 211
RGB Percent	62%, 86%, 83%
CMY	0.3843, 0.1412, 0.1725
CMYK	0.28, 0.00, 0.04, 0.14
HSL	172°, 46%, 74%
HSV	172°, 28%, 86%
XYZ	50.9940, 62.5343, 71.0107
YIQ	199.5500, -34.3840, -15.6320

# Conversions

## Conversions Part 2

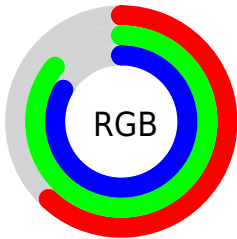
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 190, 219
Decimal	10345427
CIELab	83.20, -21.29, -2.41
CIELCh	83, 21.424, 186.464
Yxy	62.5343, 0.2763, 0.3389
Android (android.graphics.Color)	4288535507 (0xFF9DDBD3)
YUV	199.5500, 5.6449, -37.3163
Hunter-Lab	79.0786, -23.2815, 2.1141

# Details

The Hex color **9DDBD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9DA5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D5FFFF**, and **67A49D** is the 20% darker color. If you saturate the color by 10%, you get **87DBD0**, and if you desaturate by 10%, it is **B3DBD6**.

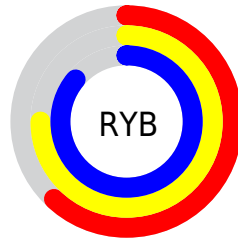
# Distribution



Red (62%)

Green (86%)

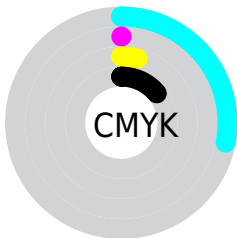
Blue (83%)



Red (62%)

Yellow (75%)

Blue (86%)

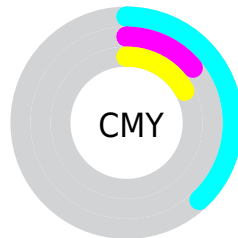


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DDBD3 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 9DDBD3 by changing the saturation by 10% instead.



 9DDBD3

 9DDBD3

FFFFFF

 82BFB7


 D5FFFF

 67A49D

 F2FFFF

 4D8983

 337069

 175751

 00403A

 002925

 001410

 000000

 9DDBD3

 9DDBD3

 87DBD0

 B3DBD6

 71DBCD

 C9DBD9

 5BDBC8

 DFDBDB

 45DBC8

 F5DBDE

 30DBC5

 FFDBE1

 1ADBC2

 FFDBE4

 04DBBF

 FFDBE7

 00DBBF

 FFDBEA

 FFDBEC

# Harmonies

## Analogous

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



ADD9BF



9DDBD3



99DAE6

# Triad

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



9DDBD3



D8C9F0



EDC9AB

# Complementary

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



9DDBD3



DB9DA5

# 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.



F8C3B8



9DDBD3



EDC3E0

# Square

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



9DDBD3



BED0F7



F8C1CB



DACFA7

# Rectangle

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



9DDBD3



A0D7F0



F8C1CB



F2C7AE



# Sweetspot

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



9DDBD3



EBFFFC



A5DB9D



73807E



000000



808080

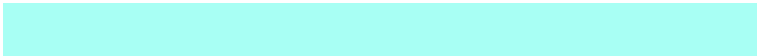


# Same Dimension

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



9DDBD3



A8FFF4



9DC4DB



636E6C



00AD97



002E28



# Inverse Universe

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



DB9DA5



FFA8B3



DBB49D



6E6364



AD0016



2E0006



# Previews

## White Background



This preview shows how the Hex color 9DDBD3 looks on a white background.

## Color Contrast Check

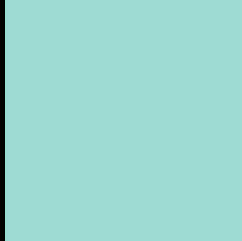
Large Text (above 18pt) WCAG AA × Fail

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 9DDBD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

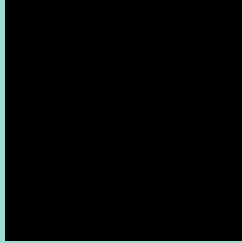
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

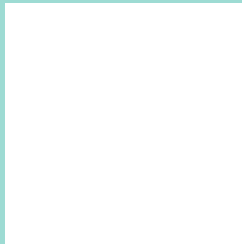
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DDBD3 Background



This preview shows how black text looks on a background with the Hex color 9DDBD3.

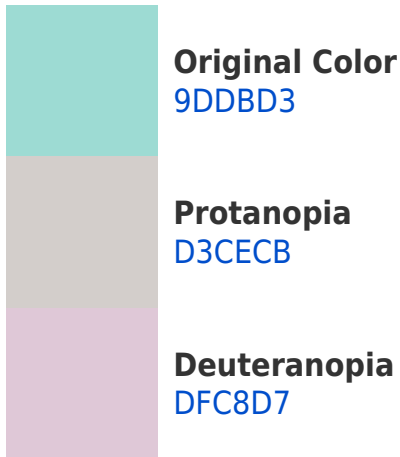


This preview shows how white text looks on a background with the Hex color 9DDBD3.

# 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](#).

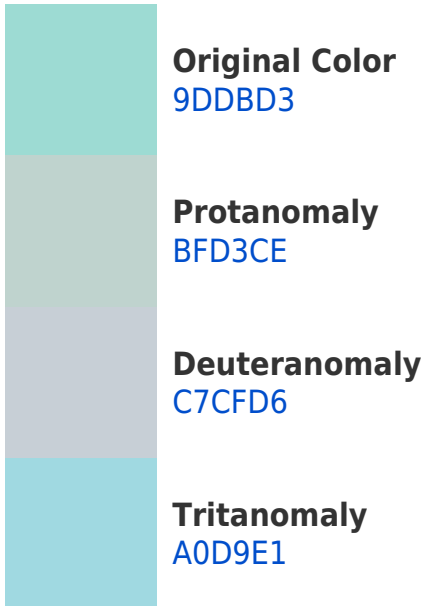
## Dichromacy



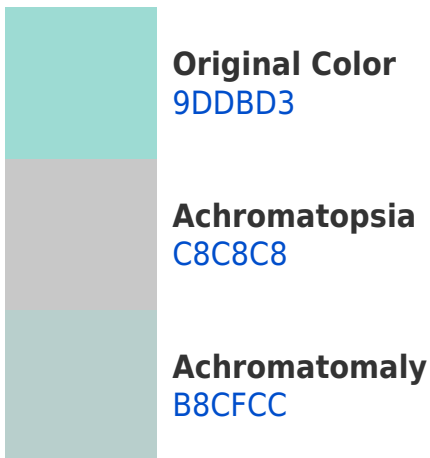


**Tritanopia**  
A2D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DDBD3 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 #9DDBD3 looks like.

```
.text, #text, p{  
    color:#9DDBD3  
}
```

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 #9DDBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDBD3  
}
```

## Border

The CSS property to change the border of an element to Hex 9DDBD3 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  
#9DDBD3 }
```

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

```
.border{ border-color:#9DDBD3 }
```

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

Here you see how a box with a 4 pixel #9DDBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDBD3; -webkit-box-shadow:4px 4px  
4px 4px #9DDBD3; box-shadow:4px 4px 4px  
4px #9DDBD3 }
```

# Background

The CSS property to change the background color of an element to Hex 9DDBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDBD3 }
```

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

```
.background{ background-color:#9DDBD3 }
```

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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