

# Converting Colors

Hex(9DDBCE)

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

<b>Hex(9DDBCE)</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(9DDBCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDBCE
RGB	157, 219, 206
RGB Percent	62%, 86%, 81%
CMY	0.3843, 0.1412, 0.1922
CMYK	0.28, 0.00, 0.06, 0.14
HSL	167°, 46%, 74%
HSV	167°, 28%, 86%
XYZ	50.3767, 62.2874, 67.7600
YIQ	198.9800, -32.7790, -17.1870

# Conversions

## Conversions Part 2

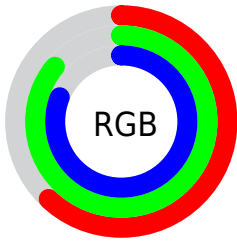
Format	Color
<a href="#">RYB</a>	<a href="#">157, 192, 219</a>
Decimal	<a href="#">10345422</a>
CIELab	<a href="#">83.07, -22.37, 0.05</a>
CIELCh	<a href="#">83, 22.370, 179.870</a>
Yxy	<a href="#">62.2874, 0.2792, 0.3452</a>
Android (android.graphics.Color)	<a href="#">4288535502 (0xFF9DDBCE)</a>
YUV	<a href="#">198.9800, 3.4609, -36.8165</a>
Hunter-Lab	<a href="#">78.9223, -24.1762, 4.3413</a>

# Details

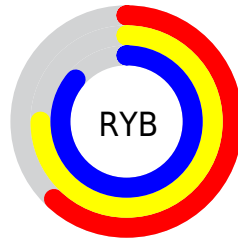
The Hex color **9DDBCE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9DAA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFFF**, and **68A498** is the 20% darker color. If you saturate the color by 10%, you get **87DBC9**, and if you desaturate by 10%, it is **B3DBD3**.

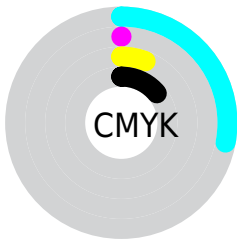
# Distribution



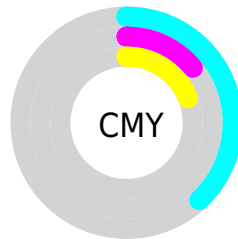
- Red (62%)
- Green (86%)
- Blue (81%)



- Red (62%)
- Yellow (75%)
- Blue (86%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 9DDBCE

 9DDBCE

FFFFFF

 82BFB3

 D5FFFF

 68A498

 F2FFFF

 4E897E

 347065

 18574D

 003F36

 002921

 00130A

 000000

 9DDBCE

 9DDBCE

 87DBC9

 B3DBD3

 71DBC5

 C9DBD7

 5BDBC0

 DFDBDC

 45DBBC

 F5DBE0

 30DBB7

 FFDBE5

 1ADBB2

 FFDBEA

 04DBAE

 FFDBEE

 00DBAD

 FFDBF3

 FFDBF7

# Harmonies

## Analogous

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



B0D9B9



9DDBCE



95DAE3

# Triad

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



9DDBCE



D3CAF3



F1C7AB

# Complementary

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



9DDBCE



DB9DAA

# 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.



FAC1BB



9DDBCE



EAC3E4

# Square

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



9DDBCE



B7D1F8



F8C0D0



DFCDA5

# Rectangle

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



9DDBCE



9AD8EE



F8C0D0



F5C5B0

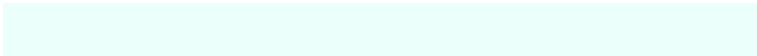


# Sweetspot

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



9DDBCE



EBFFFB



AADB9D



73807D



000000



808080

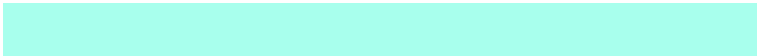


# Same Dimension

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



9DDBCE



A8FFED



9DC9DB



636E6B



00AD89



002E24



# Inverse Universe

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



DB9DAA



FFA8BA



DBAF9D



6E6365



AD0024



2E000A



# Previews

## White Background



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

## Color Contrast Check

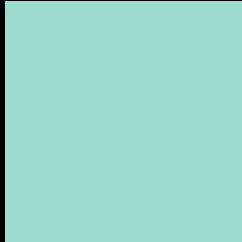
Large Text (above 18pt) WCAG AA × Fail

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 9DDBCE 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

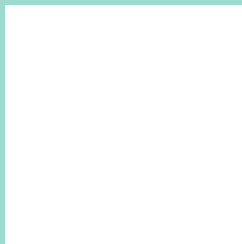
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DDBCE Background



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

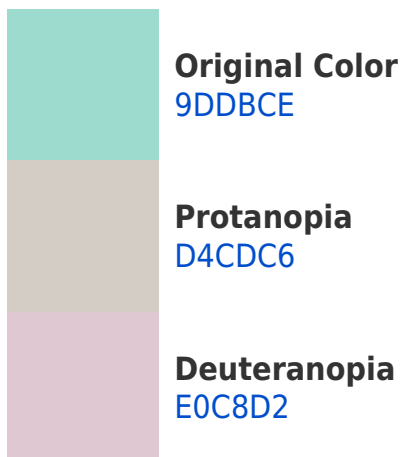


This preview shows how white text looks on a background with the Hex color 9DDBCE.

# 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](#).

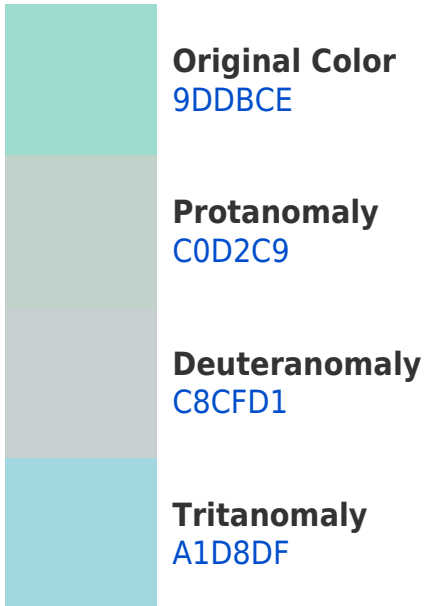
## Dichromacy



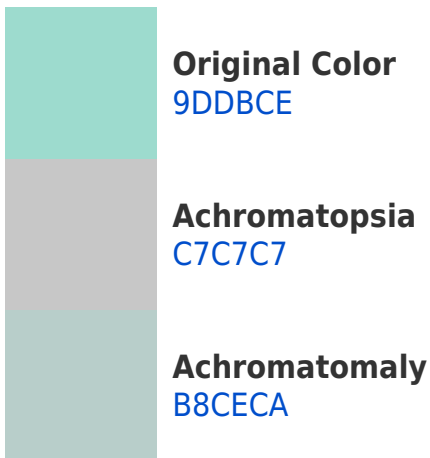


**Tritanopia**  
A3D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9DDBCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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