

Converting Colors

Hex(9DDBCC)

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

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Color

Hex(9DDBCC)

Conversions

Conversions Part 1

Format	Color
Hex	9DDBCC
RGB	157, 219, 204
RGB Percent	62%, 86%, 80%
CMY	0.3843, 0.1412, 0.2000
CMYK	0.28, 0.00, 0.07, 0.14
HSL	165°, 46%, 74%
HSV	165°, 28%, 86%
XYZ	50.1352, 62.1908, 66.4884
YIQ	198.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

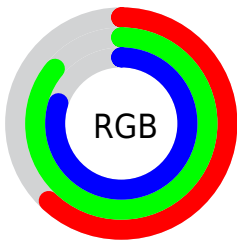
Format	Color
RYB	157, 192, 219
Decimal	10345420
CIELab	83.01, -22.80, 1.04
CIELCh	83, 22.821, 177.395
Yxy	62.1908, 0.2804, 0.3478
Android (android.graphics.Color)	4288535500 (0xFF9DDBCC)
YUV	198.7520, 2.5873, -36.6165
Hunter-Lab	78.8611, -24.5272, 5.2150

Details

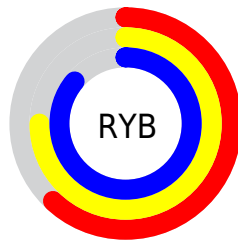
The Hex color **9DDBCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9DAC**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFFF**, and **68A496** is the 20% darker color. If you saturate the color by 10%, you get **87DBC7**, and if you desaturate by 10%, it is **B3DBD1**.

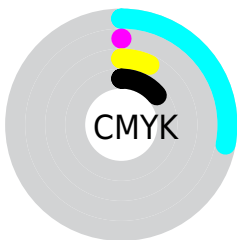
Distribution



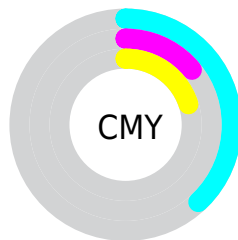
- Red (62%)
- Green (86%)
- Blue (80%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 9DDBCC

 9DDBCC

FFFFFF

 82BFB1

 D5FFFF

 68A496

 F2FFFF

 4E897C

 347063

 19574B

 003F35

 002920

 001308

 000000

 9DDBCC

 9DDBCC

 87DBC7

 B3DBD1

 71DBC1

 C9DBD7

 5BDBBC

 DFDBDC

 45DBB7

 F5DBE1

 30DBB2

 FFDBE6

 1ADBAC

 FFDBEC

 04DBA7

 FFDBF1

 00DBA6

 FFDBF6

 FFDBFC

Harmonies

Analogous

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



B1D8B7



9DDBCC



94DBE2

Triad

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



9DDBCC



D0CAF5



F3C6AB

Complementary

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



9DDBCC



DB9DAC

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.



FBC1BC



9DDBCC



E9C3E6

Square

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



9DDBCC



B4D1F9



F8C0D1



E1CDA4

Rectangle

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



9DDBCC



97D9EE



F8C0D1



F7C4B0

Sweetspot

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



9DDBCC



EBFFFA



ADD99D



73807C



000000



808080

Same Dimension

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



9DDBCC



A8FFEA



9DCBDB



636E6B



00AD83



002E23

Inverse Universe

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



DB9DAC



FFA8BD



DBAD9D



6E6365



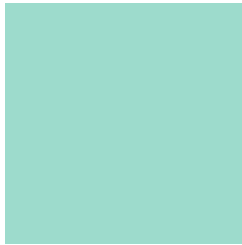
AD002A



2E000B

Previews

White Background



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

Color Contrast Check

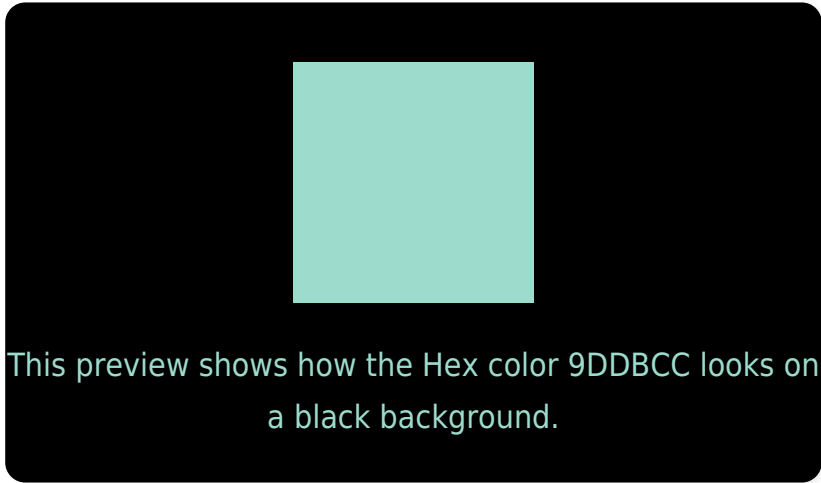
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

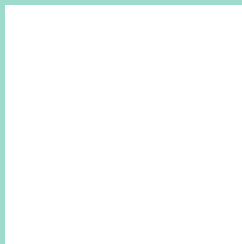
Any Text WCAG AAA ✓ Pass

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

Hex 9DDBCC Background



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

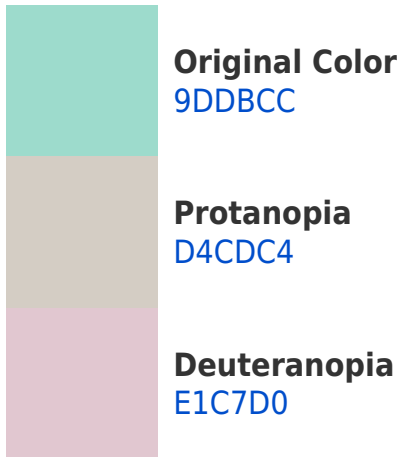


This preview shows how white text looks on a background with the Hex color 9DDBCC.

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

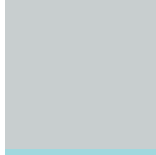
Trichromacy



Original Color
9DDBCC



Protanomaly
C0D2C7



Deuteranomaly
C8CECF

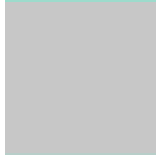


Tritanomaly
A1D8DE

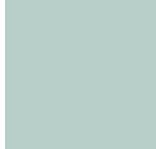
Monochromacy



Original Color
9DDBCC



Achromatopsia
C7C7C7



Achromatomaly
B8CEC9

CSS Examples

Text

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

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

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 #9DDBCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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