

Converting Colors

Hex(9DC6DD)

Have a look what the booklet for
Hex(9DC6DD) contains.

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Color

Hex(9DC6DD)

Conversions

Conversions Part 1

Format	Color
Hex	9DC6DD
RGB	157, 198, 221
RGB Percent	62%, 78%, 87%
CMY	0.3843, 0.2235, 0.1333
CMYK	0.29, 0.10, 0.00, 0.13
HSL	202°, 48%, 74%
HSV	202°, 29%, 87%
XYZ	47.1499, 52.7767, 76.1085
YIQ	188.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

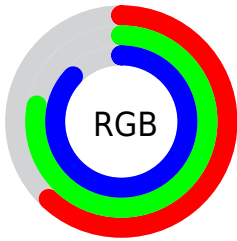
Format	Color
R _{YB}	157, 182, 221
Decimal	10340061
CIE _{Lab}	77.74, -8.26, -15.87
CIE _{LCh}	78, 17.889, 242.512
Yxy	52.7767, 0.2678, 0.2998
Android (android.graphics.Color)	4288530141 (0xFF9DC6DD)
YUV	188.3630, 16.0900, -27.5054
Hunter-Lab	72.6476, -11.2829, -11.2612

Details

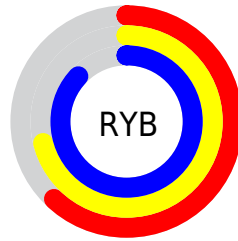
The Hex color **9DC6DD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB49D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D5FFFF**, and **6890A6** is the 20% darker color. If you saturate the color by 10%, you get **87BEDD**, and if you desaturate by 10%, it is **B3CEDD**.

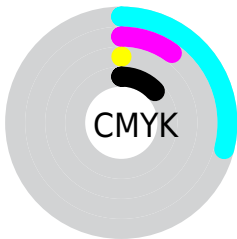
Distribution



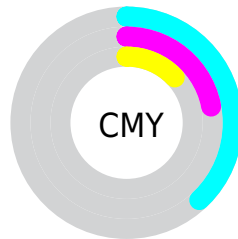
- Red (62%)
- Green (78%)
- Blue (87%)



- Red (62%)
- Yellow (71%)
- Blue (87%)



- Cyan (29%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC6DD 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 9DC6DD by changing the saturation by 10% instead.

■ 9DC6DD

■ 9DC6DD

FFFFFF

■ 82ABC1

■ D5FFFF

■ 6890A6

■ F2FFFF

■ 4E778C

■ 355E72

■ 1A4659

■ 003042

■ 001B2C

■ 000118

■ 000000

9DC6DD

9DC6DD

87BEDD

B3CEDD

71B6DD

C9D6DD

5BAEDD

DFEEDD

45A6DD

F5E6DD

2F9EDD

FFEEDD

1896DD

FFF6DD

028EDD

FFFEDD

008EDD

FFFFDD

Harmonies

Analogous

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



94C9D1



9DC6DD



AFC1E1

Triad

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



9DC6DD



E2B5BF



B9C5A4

Complementary

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



9DC6DD



DDB49D

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.



CCBF9F



9DC6DD



E3B6AF

Square

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



9DC6DD



D7B7D0



DBBAA3



A7C8B0

Rectangle

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



9DC6DD



BEBDDF



DBBAA3



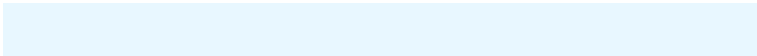
C0C3A1

Sweetspot

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



9DC6DD



E8F7FF



9DDDB3



717A80



000000



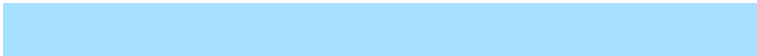
808080

Same Dimension

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



9DC6DD



A6DFFF



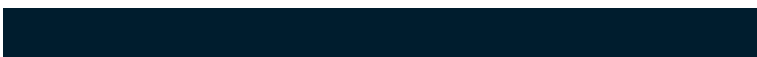
9DA7DD



636A6E



006FAD



001D2E

Inverse Universe

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



DD9DC6



FFA6DF



DDD39D



6E636A



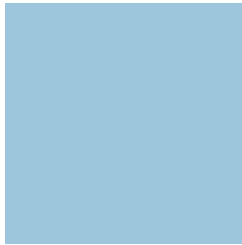
AD006F



2E001D

Previews

White Background



This preview shows how the Hex color 9DC6DD looks on a white background.

Color Contrast Check

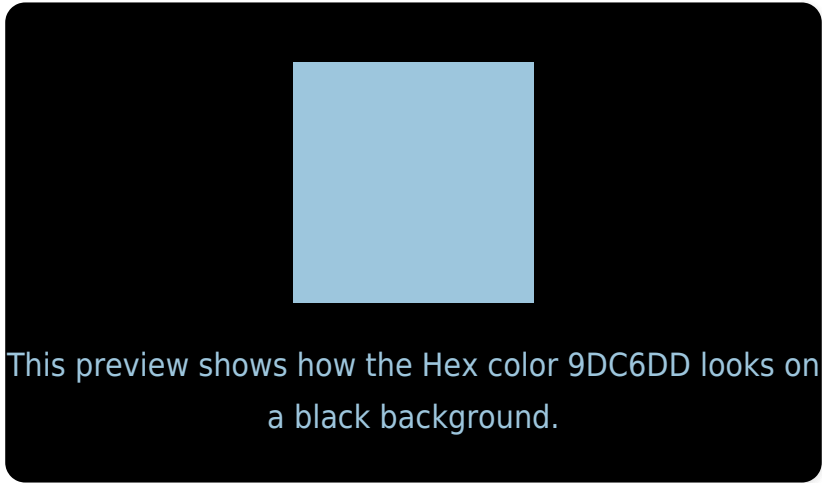
Large Text (above 18pt) WCAG AA × Fail

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

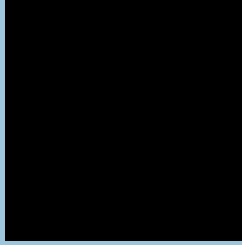
Any Text WCAG AA ✓ Pass

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 9DC6DD Background



This preview shows how black text looks on a background with the Hex color 9DC6DD.

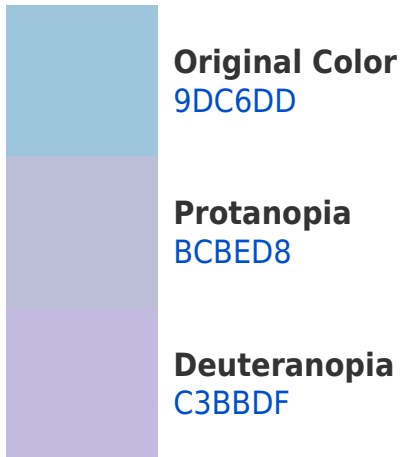


This preview shows how white text looks on a background with the Hex color 9DC6DD.

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](#).

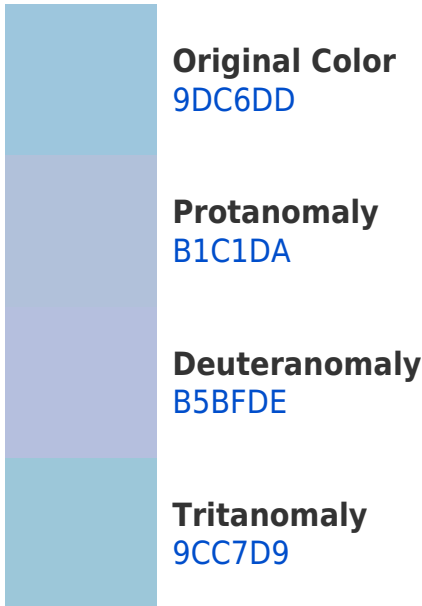
Dichromacy



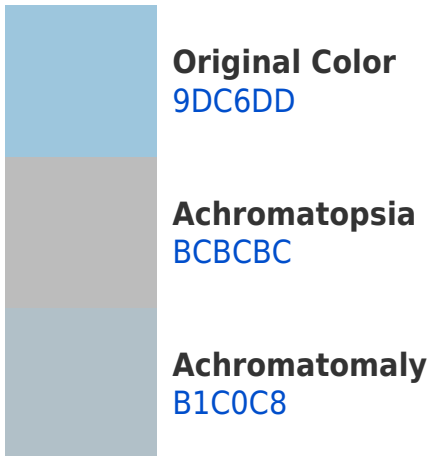


Tritanopia
9CC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC6DD 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 #9DC6DD looks like.

```
.text, #text, p{  
    color:#9DC6DD  
}
```

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 #9DC6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC6DD } }
```

Border

The CSS property to change the border of an element to Hex 9DC6DD 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 #9DC6DD } }
```

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

```
.border{ border-color:#9DC6DD }
```

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

Here you see how a box with a 4 pixel #9DC6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC6DD; -webkit-box-shadow:4px 4px  
4px 4px #9DC6DD; box-shadow:4px 4px 4px  
4px #9DC6DD }
```

Background

The CSS property to change the background color of an element to Hex 9DC6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC6DD }
```

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

```
.background{ background-color:#9DC6DD }
```

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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