

# Converting Colors

Hex(9DD1DC)

Have a look what the booklet for  
Hex(9DD1DC) contains.

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# **Color**

**Hex(9DD1DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DD1DC
RGB	157, 209, 220
RGB Percent	62%, 82%, 86%
CMY	0.3843, 0.1804, 0.1373
CMYK	0.29, 0.05, 0.00, 0.14
HSL	190°, 47%, 74%
HSV	190°, 29%, 86%
XYZ	49.6234, 57.9363, 76.2775
YIQ	194.7060, -34.5230, -7.6030

# Conversions

## Conversions Part 2

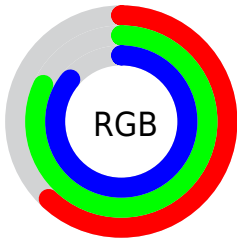
Format	Color
<a href="#">RYB</a>	<a href="#">157, 185, 220</a>
Decimal	<a href="#">10342876</a>
CIELab	<a href="#">80.70, -14.21, -10.90</a>
CIElCh	<a href="#">81, 17.910, 217.476</a>
Yxy	<a href="#">57.9363, 0.2699, 0.3152</a>
Android (android.graphics.Color)	<a href="#">4288532956 (0xFF9DD1DC)</a>
YUV	<a href="#">194.7060, 12.4699, -33.0682</a>
Hunter-Lab	<a href="#">76.1159, -16.8308, -6.1348</a>

# Details

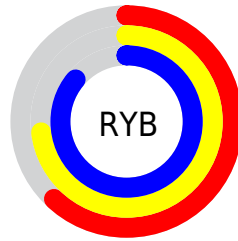
The Hex color **9DD1DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCA89D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D5FFFF**, and **689BA5** is the 20% darker color. If you saturate the color by 10%, you get **87CDDC**, and if you desaturate by 10%, it is **B3D5DC**.

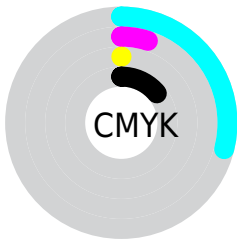
# Distribution



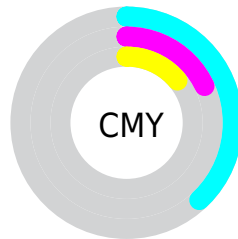
- Red (62%)
- Green (82%)
- Blue (86%)



- Red (62%)
- Yellow (73%)
- Blue (86%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (18%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DD1DC 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 9DD1DC by changing the saturation by 10% instead.



■ 9DD1DC

FFFFFF

■ D5FFFF

■ F2FFFF

■ 9DD1DC

■ 82B5C0

■ 689BA5

■ 4E808B

■ 346771

■ 184F59

■ 003841

■ 00222B

■ 000617

■ 000000

 9DD1DC

 9DD1DC

 87CDDC

 B3D5DC

 71C9DC

 C9D9DC

 5BC5DC

 DFDDDC

 45C2DC

 F5E0DC

 2FBEDC

 FFE4DC

 19BADC

 FFE8DC

 03B6DC

 FFECD C

 00B6DC

 FFF0DC

 FFF4DC

# Harmonies

## Analogous

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



9FD2CC



9DD1DC



A8CEE7

# Triad

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



9DD1DC



E2BED5



D1C8A7

# Complementary

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



9DD1DC



DCA89D

# 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.



E1C3AA



9DD1DC



EBBDC5

# Square

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



9DD1DC



D1C3E3



EABFB5



BECEAD

# Rectangle

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



9DD1DC



B4CAE9



EABFB5



D7C7A7

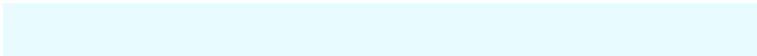


# Sweetspot

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



9DD1DC



E8FBFF



9DDCA7



717D80



000000



808080

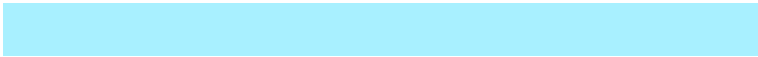


# Same Dimension

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



9DD1DC



A8F0FF



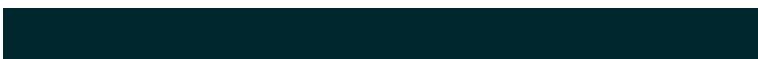
9DB2DC



636C6E



008FAD



00262E



# Inverse Universe

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



DC9DD1



FFA8F0



DCC79D



6E636C



AD008F

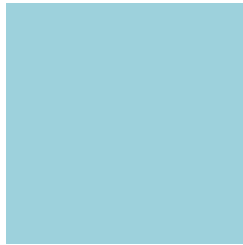


2E0026



# Previews

## White Background



This preview shows how the Hex color 9DD1DC looks on a white background.

## Color Contrast Check

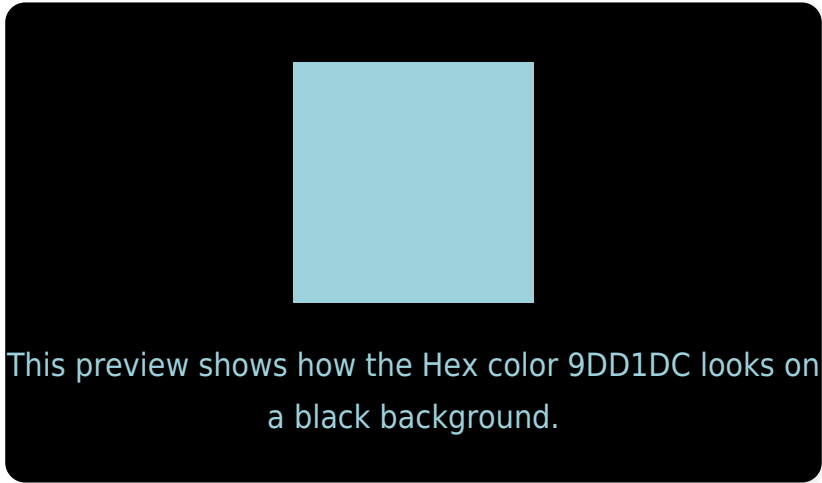
Large Text (above 18pt) WCAG AA × Fail

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

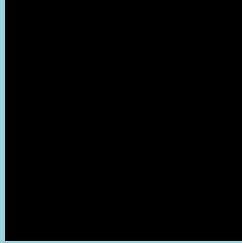
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DD1DC Background



This preview shows how black text looks on a background with the Hex color 9DD1DC.

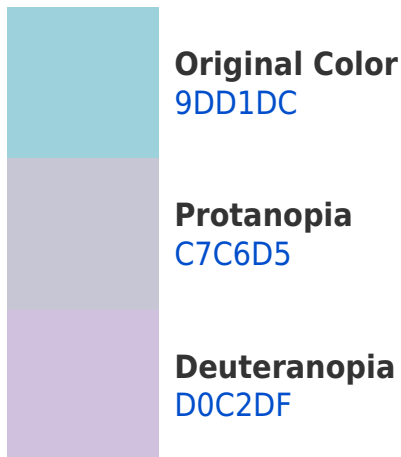


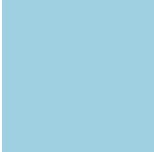
This preview shows how white text looks on a background with the Hex color 9DD1DC.

# 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**  
9ED0E1

# Trichromacy



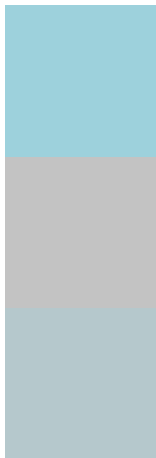
**Original Color**  
9DD1DC

**Protanomaly**  
B8CAD8

**Deuteranomaly**  
BDC7DE

**Tritanomaly**  
9ED0DF

# Monochromacy



**Original Color**  
9DD1DC

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
B5C8CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DD1DC 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 #9DD1DC looks like.

```
.text, #text, p{  
    color:#9DD1DC  
}
```

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 #9DD1DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD1DC  
}
```

## Border

The CSS property to change the border of an element to Hex 9DD1DC 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  
#9DD1DC }
```

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

```
.border{ border-color:#9DD1DC }
```

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

Here you see how a box with a 4 pixel #9DD1DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD1DC; -webkit-box-shadow:4px 4px  
4px 4px #9DD1DC; box-shadow:4px 4px 4px  
4px #9DD1DC }
```

# Background

The CSS property to change the background color of an element to Hex 9DD1DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD1DC }
```

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

```
.background{ background-color:#9DD1DC }
```

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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