

Converting Colors

Hex(9DD2DC)

Have a look what the booklet for
Hex(9DD2DC) contains.

Hex(9DD2DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DD2DC)

Conversions

Conversions Part 1

Format	Color
Hex	9DD2DC
RGB	157, 210, 220
RGB Percent	62%, 82%, 86%
CMY	0.3843, 0.1765, 0.1373
CMYK	0.29, 0.05, 0.00, 0.14
HSL	190°, 47%, 74%
HSV	190°, 29%, 86%
XYZ	49.8695, 58.4286, 76.3596
YIQ	195.2930, -34.7980, -8.1260

Conversions

Conversions Part 2

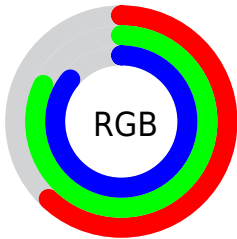
Format	Color
RYB	157, 186, 220
Decimal	10343132
CIELab	80.98, -14.73, -10.49
CIElCh	81, 18.080, 215.463
Yxy	58.4286, 0.2701, 0.3164
Android (android.graphics.Color)	4288533212 (0xFF9DD2DC)
YUV	195.2930, 12.1806, -33.5830
Hunter-Lab	76.4386, -17.3119, -5.7217

Details

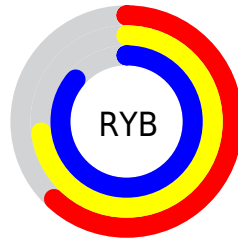
The Hex color **9DD2DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCA79D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D5FFFF**, and **679BA5** is the 20% darker color. If you saturate the color by 10%, you get **87CFDC**, and if you desaturate by 10%, it is **B3D5DC**.

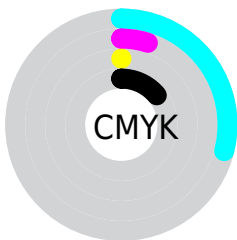
Distribution



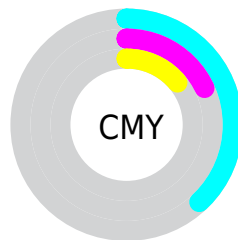
- Red (62%)
- Green (82%)
- Blue (86%)



- 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 9DD2DC 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 9DD2DC by changing the saturation by 10% instead.

■ 9DD2DC

FFFFFF

■ D5FFFF

■ F2FFFF

■ 9DD2DC

■ 82B6C0

■ 679BA5

■ 4D818B

■ 346871

■ 185059

■ 003941

■ 00232B

■ 000817

■ 000000

■ 9DD2DC

■ 9DD2DC

■ 87CFDC

■ B3D5DC

■ 71CBDC

■ C9D9DC

■ 5BC8DC

■ DFDCDC

■ 45C4DC

■ F5E0DC

■ 2FC1DC

■ FFE3DC

■ 19BDDC

■ FFE7DC

■ 03BADDC

■ FFEADC

■ 00B9DC

■ FFEEDC

■ FFF1DC

Harmonies

Analogous

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



A0D3CC



9DD2DC



A7CFE7

Triad

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



9DD2DC



E2BFD7



D3C9A8

Complementary

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



9DD2DC



DCA79D

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.



E3C3AB



9DD2DC



ECBDC6

Square

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



9DD2DC



D0C4E5



ECBFB6



C0CEAD

Rectangle

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



9DD2DC



B3CBEA



ECBFB6



D9C7A8

Sweetspot

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



9DD2DC



E8FBFF



9DDCA6



717D80



000000



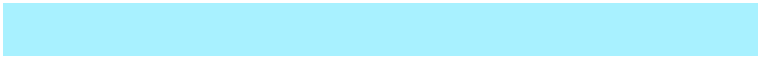
808080

Same Dimension

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



9DD2DC



A8F1FF



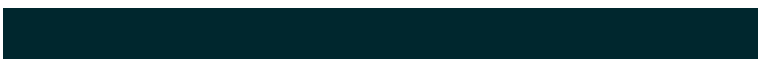
9DB3DC



636C6E



0092AD



00272E

Inverse Universe

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



DC9DD2



FFA8F1



DCC69D



6E636C



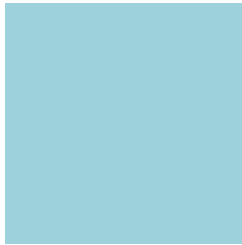
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 9DD2DC looks on a white background.

Color Contrast Check

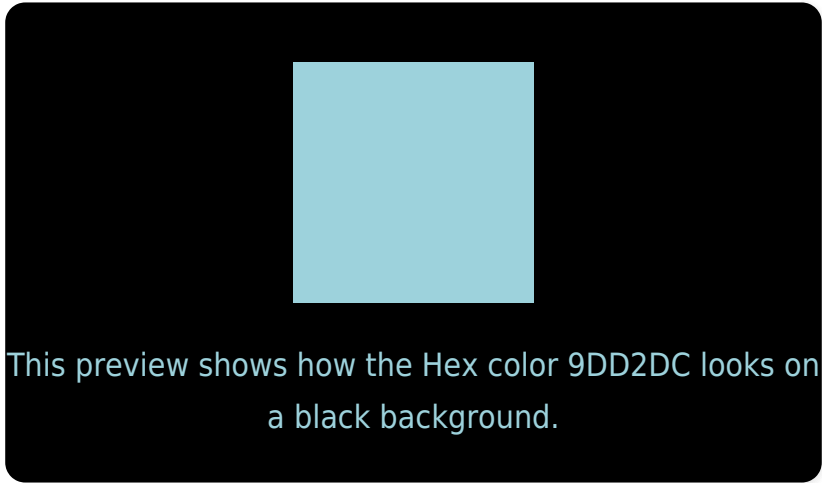
Large Text (above 18pt) WCAG AA × Fail

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

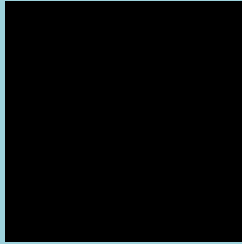
Any Text WCAG AA ✓ Pass

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 9DD2DC Background



This preview shows how black text looks on a background with the Hex color 9DD2DC.

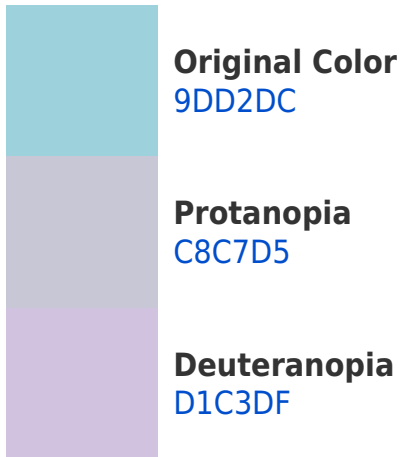


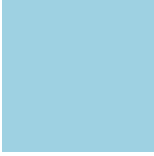
This preview shows how white text looks on a background with the Hex color 9DD2DC.

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
9ED1E2

Trichromacy



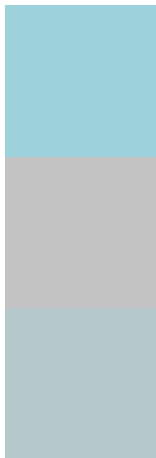
Original Color
9DD2DC

Protanomaly
B8CBD8

Deuteranomaly
BEC8DE

Tritanomaly
9ED1E0

Monochromacy



Original Color
9DD2DC

Achromatopsia
C3C3C3

Achromatomaly
B5C8CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD2DC 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 #9DD2DC looks like.

```
.text, #text, p{  
    color:#9DD2DC  
}
```

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 #9DD2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD2DC
}
```

Border

The CSS property to change the border of an element to Hex 9DD2DC 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
#9DD2DC }
```

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

```
.border{ border-color:#9DD2DC }
```

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

Here you see how a box with a 4 pixel #9DD2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD2DC; -webkit-box-shadow:4px 4px  
4px 4px #9DD2DC; box-shadow:4px 4px 4px  
4px #9DD2DC }
```

Background

The CSS property to change the background color of an element to Hex 9DD2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD2DC }
```

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

```
.background{ background-color:#9DD2DC }
```

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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