

Converting Colors

Hex(9DD2D5)

Have a look what the booklet for
Hex(9DD2D5) contains.

Hex(9DD2D5)	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(9DD2D5)

Conversions

Conversions Part 1

Format	Color
Hex	9DD2D5
RGB	157, 210, 213
RGB Percent	62%, 82%, 84%
CMY	0.3843, 0.1765, 0.1647
CMYK	0.26, 0.01, 0.00, 0.16
HSL	183°, 40%, 73%
HSV	183°, 26%, 84%
XYZ	48.9615, 58.0654, 71.5780
YIQ	194.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

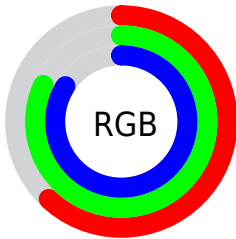
Format	Color
RYB	157, 184, 213
Decimal	10343125
CIELab	80.78, -16.32, -7.05
CIELCh	81, 17.778, 203.356
Yxy	58.0654, 0.2741, 0.3251
Android (android.graphics.Color)	4288533205 (0xFF9DD2D5)
YUV	194.4950, 9.1230, -32.8831
Hunter-Lab	76.2006, -18.6589, -2.3528

Details

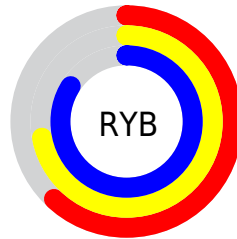
The Hex color **9DD2D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D5A09D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D5FFFF**, and **689B9E** is the 20% darker color. If you saturate the color by 10%, you get **88D1D5**, and if you desaturate by 10%, it is **B2D3D5**.

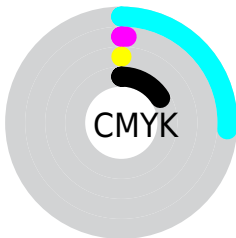
Distribution



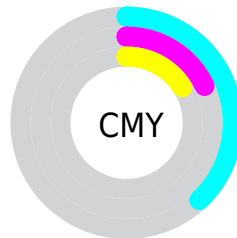
- Red (62%)
- Green (82%)
- Blue (84%)



- Red (62%)
- Yellow (72%)
- Blue (84%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD2D5 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 9DD2D5 by changing the saturation by 10% instead.

■ 9DD2D5

■ 9DD2D5

FFFFFF

■ 82B6B9

■ D5FFFF

■ 689B9E

■ F2FFFF

■ 4E8184

■ 34686B

■ 1A5053

■ 00393C

■ 002326

■ 000612

■ 000000

 9DD2D5

 9DD2D5

 88D1D5

 B2D3D5

 72D0D5

 C8D4D5

 5DCFD5

 DDD5D5

 48CDD5

 F2D7D5

 33CCD5

 FFD8D5

 1DCBD5

 FFD9D5

 08CAD5

 FFDAD5

 00CAD5

 FFD8D5

 FFDCD5

Harmonies

Analogous

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



A5D2C4



9DD2D5



A2D0E3

Triad

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



9DD2D5



DBC0DD



D9C6A8

Complementary

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



9DD2D5



D5A09D

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.



E6C1AE



9DD2D5



E8BDCD

Square

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



9DD2D5



C7C6E7



ECBEBC



C8CBAA

Rectangle

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



9DD2D5



ABCDE8



ECBEBC



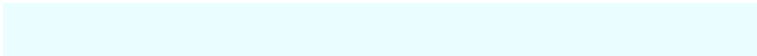
DEC4A9

Sweetspot

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



9DD2D5



EBFEFF



9DD5A0



737F80



000000



808080

Same Dimension

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



9DD2D5



ADFBFF



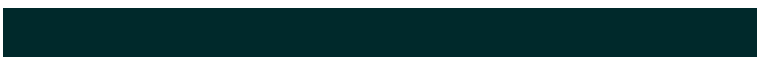
9DB6D5



606B6B



00A2AB



00292B

Inverse Universe

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



D59DD2



FFADFB



D5BC9D



6B606B



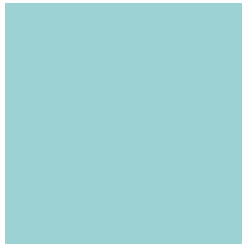
AB00A2



2B0029

Previews

White Background



This preview shows how the Hex color 9DD2D5 looks on a white background.

Color Contrast Check

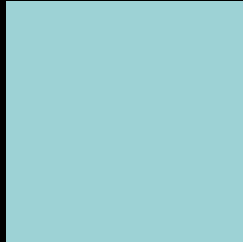
Large Text (above 18pt) WCAG AA × Fail

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 9DD2D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

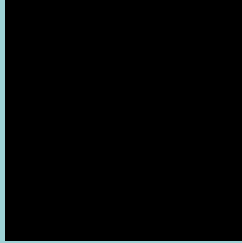
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

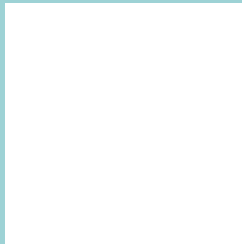
Any Text WCAG AAA ✓ Pass

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

Hex 9DD2D5 Background



This preview shows how black text looks on a background with the Hex color 9DD2D5.

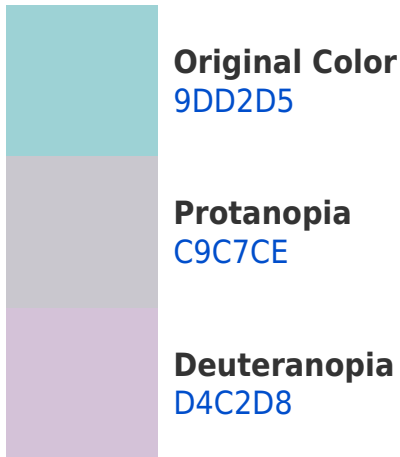


This preview shows how white text looks on a background with the Hex color 9DD2D5.

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](#).

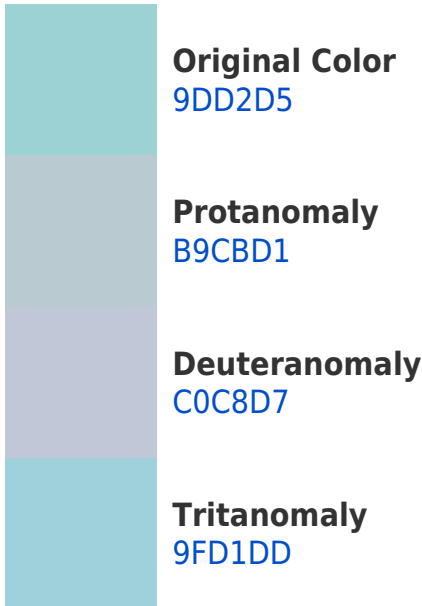
Dichromacy



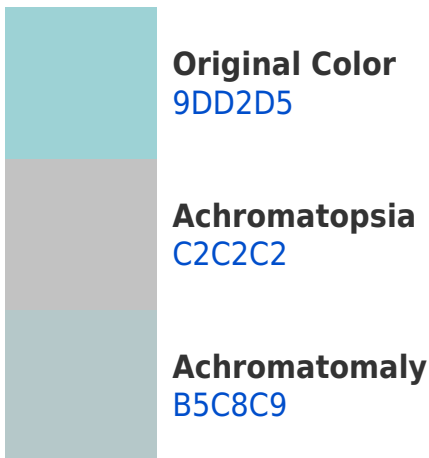


Tritanopia
A0D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD2D5 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 #9DD2D5 looks like.

```
.text, #text, p{  
    color:#9DD2D5  
}
```

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 #9DD2D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD2D5  
}
```

Border

The CSS property to change the border of an element to Hex 9DD2D5 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  
#9DD2D5 }
```

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

```
.border{ border-color:#9DD2D5 }
```

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

Here you see how a box with a 4 pixel #9DD2D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD2D5; -webkit-box-shadow:4px 4px  
4px 4px #9DD2D5; box-shadow:4px 4px 4px  
4px #9DD2D5 }
```

Background

The CSS property to change the background color of an element to Hex 9DD2D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD2D5 }
```

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

```
.background{ background-color:#9DD2D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor