

# Converting Colors

Hex(99D2DE)

Have a look what the booklet for  
Hex(99D2DE) contains.

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# **Color**

**Hex(99D2DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D2DE
RGB	153, 210, 222
RGB Percent	60%, 82%, 87%
CMY	0.4000, 0.1765, 0.1294
CMYK	0.31, 0.05, 0.00, 0.13
HSL	190°, 51%, 74%
HSV	190°, 31%, 87%
XYZ	49.3683, 58.1394, 77.7273
YIQ	194.3250, -37.8240, -8.3520

# Conversions

## Conversions Part 2

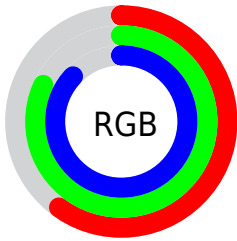
Format	Color
R <sub>YB</sub>	153, 184, 222
Decimal	10080990
CIE <sub>Lab</sub>	80.82, -15.39, -11.82
CIE <sub>LCh</sub>	81, 19.407, 217.525
Y <sub>xy</sub>	58.1394, 0.2665, 0.3139
Android (android.graphics.Color)	4288271070 (0xFF99D2DE)
YUV	194.3250, 13.6438, -36.2420
Hunter-Lab	76.2492, -17.8646, -7.0649

# Details

The Hex color **99D2DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEA599**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D1FFFF**, and **639BA7** is the 20% darker color. If you saturate the color by 10%, you get **83CEDE**, and if you desaturate by 10%, it is **AFD6DE**.

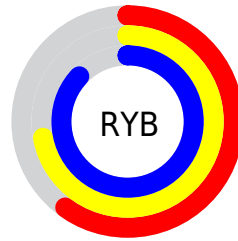
# Distribution



Red (60%)

Green (82%)

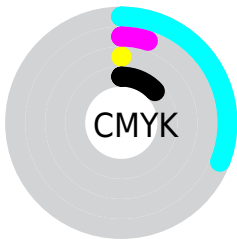
Blue (87%)



Red (60%)

Yellow (72%)

Blue (87%)

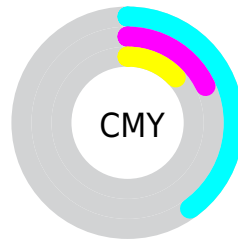


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (18%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D2DE 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 99D2DE by changing the saturation by 10% instead.



 99D2DE

 99D2DE

FFFFFF

 7EB6C2

 D1FFFF

 639BA7

 EEEFFF

 49818D

 2E6873

 0F505A

 003943

 00232D

 000719

 000000

99D2DE

99D2DE

83CEDE

AFD6DE

6DCADE

C5DADE

56C6DE

DCDEDE

40C3DE

F2E1DE

2ABFDE

FFE5DE

14BBDE

FFE9DE

00B7DE

FFEDDE

FFF1DE

FFF5DE

# Harmonies

## Analogous

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



9CD3CD



99D2DE



A5CEEA

# Triad

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



99D2DE



E4BED7



D2C9A5

# Complementary

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



99D2DE



DEA599

# 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.



E3C3A8



99D2DE



EEBCC5

# Square

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



99D2DE



D2C3E5



EDBEB3



BECEAC

# Rectangle

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



99D2DE



B2CBEC



EDBEB3



D8C7A5



# Sweetspot

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



99D2DE



E8FBFF



99DEA4



717D80



000000



808080

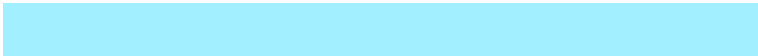


# Same Dimension

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



99D2DE



A1EFFF



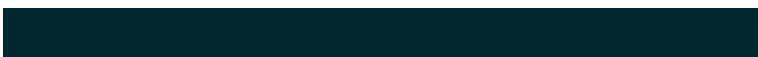
99B0DE



656E70



0091B0



002830



# Inverse Universe

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



DE99D2



FFA1EF



DEC799



70656E



B00091

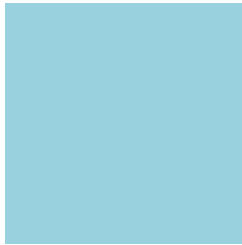


300028



# Previews

## White Background



This preview shows how the Hex color 99D2DE looks on a white background.

## Color Contrast Check

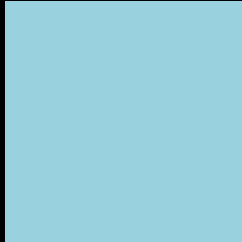
Large Text (above 18pt) WCAG AA × Fail

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 99D2DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

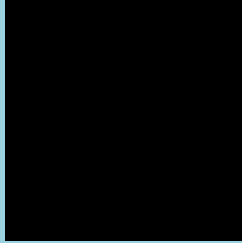
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99D2DE Background



This preview shows how black text looks on a background with the Hex color 99D2DE.

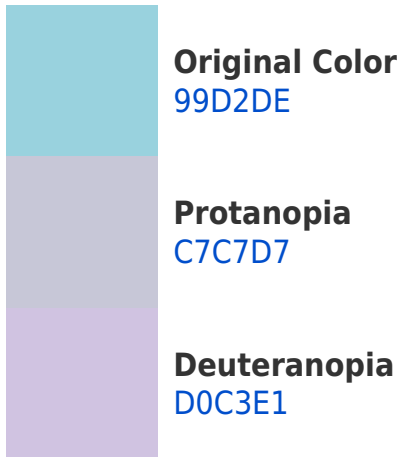


This preview shows how white text looks on a background with the Hex color 99D2DE.

# 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](#).

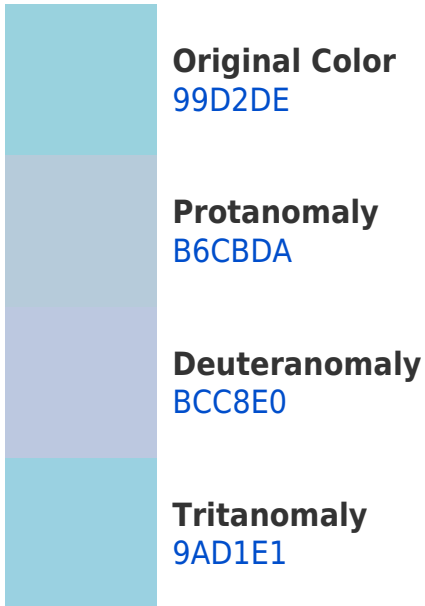
## Dichromacy



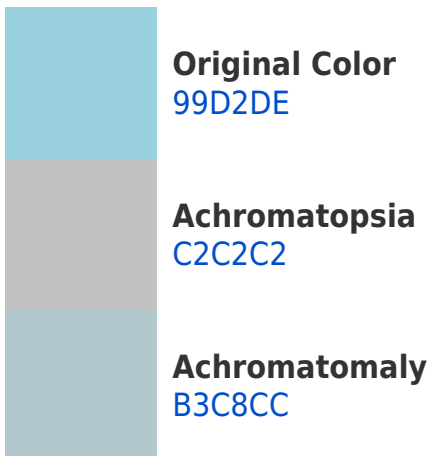


**Tritanopia**  
9AD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D2DE 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 #99D2DE looks like.

```
.text, #text, p{  
    color:#99D2DE  
}
```

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 #99D2DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D2DE
}
```

## Border

The CSS property to change the border of an element to Hex 99D2DE 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
#99D2DE }
```

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

```
.border{ border-color:#99D2DE }
```

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

Here you see how a box with a 4 pixel #99D2DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D2DE; -webkit-box-shadow:4px 4px  
4px 4px #99D2DE; box-shadow:4px 4px 4px  
4px #99D2DE }
```

# Background

The CSS property to change the background color of an element to Hex 99D2DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D2DE }
```

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

```
.background{ background-color:#99D2DE }
```

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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