

# Converting Colors

Hex(9DE8DF)

Have a look what the booklet for  
Hex(9DE8DF) contains.

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# Color

**Hex(9DE8DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE8DF
RGB	157, 232, 223
RGB Percent	62%, 91%, 87%
CMY	0.3843, 0.0902, 0.1255
CMYK	0.32, 0.00, 0.04, 0.09
HSL	173°, 62%, 76%
HSV	173°, 32%, 91%
XYZ	56.0805, 70.2090, 80.4080
YIQ	208.5490, -41.8110, -18.6990

# Conversions

## Conversions Part 2

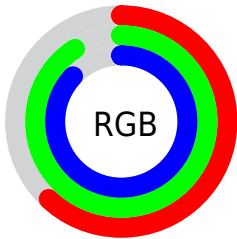
Format	Color
<a href="#">RYB</a>	<a href="#">157, 197, 232</a>
Decimal	<a href="#">10348767</a>
CIELab	<a href="#">87.10, -25.03, -3.02</a>
CIElCh	<a href="#">87, 25.208, 186.880</a>
Yxy	<a href="#">70.2090, 0.2713, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4288538847 (0xFF9DE8DF)</a>
YUV	<a href="#">208.5490, 7.1243, -45.2085</a>
Hunter-Lab	<a href="#">83.7908, -27.1654, 1.7573</a>

# Details

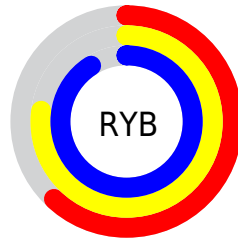
The Hex color **9DE8DF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89DA6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D6FFFF**, and **66B0A8** is the 20% darker color. If you saturate the color by 10%, you get **86E8DC**, and if you desaturate by 10%, it is **B4E8E2**.

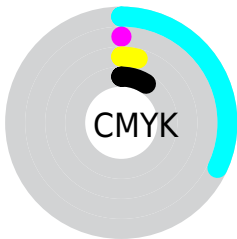
# Distribution



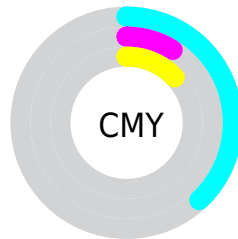
- Red (62%)
- Green (91%)
- Blue (87%)



- Red (62%)
- Yellow (77%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DE8DF 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 9DE8DF by changing the saturation by 10% instead.



 9DE8DF

 9DE8DF

FFFFFF

 81CCC3

 D6FFFF

 66B0A8

 F3FFFF

 4B958E

 2F7B74

 0D625B

 004A44

 00332E

 001F19

 000000

 9DE8DF

 9DE8DF

 86E8DC

 B4E8E2

 6FE8D9

 CBE8E5

 57E8D7

 E3E8E7

 40E8D4

 FAE8EA

 29E8D1

 FFE8ED

 12E8CE

 FFE8F0

 00E8CC

 FFE8F2

 FFE8F5

 FFE8F8

# Harmonies

## Analogous

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



B1E6C7



9DE8DF



98E6F6

# Triad

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



9DE8DF



E5D2FF



FDD2AF

# Complementary

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



9DE8DF



E89DA6

# 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.



FFCCBF



9DE8DF



FECCEB

# Square

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



9DE8DF



C6DAFF



FFC9D5



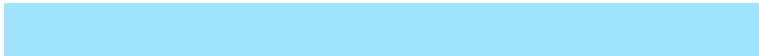
E7DAAB

# Rectangle

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



9DE8DF



A1E4FF



FFC9D5



FFD0B3

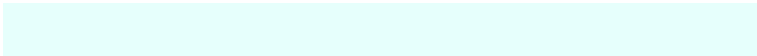


# Sweetspot

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



9DE8DF



E6FFFC



A7E89D



70807E



000000



808080

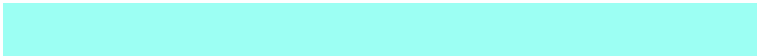


# Same Dimension

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



9DE8DF



9CFFF3



9DCDE8



677371



00B39D



00332D



# Inverse Universe

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



E89DA6



FF9CA7



E8B99D



736769



B30015

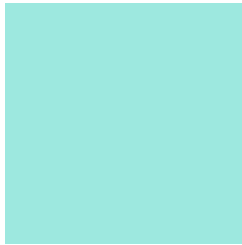


330006



# Previews

## White Background



This preview shows how the Hex color 9DE8DF looks on a white background.

## Color Contrast Check

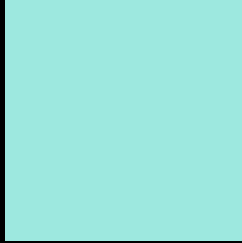
Large Text (above 18pt) WCAG AA × Fail

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 9DE8DF 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 9DE8DF Background



This preview shows how black text looks on a background with the Hex color 9DE8DF.

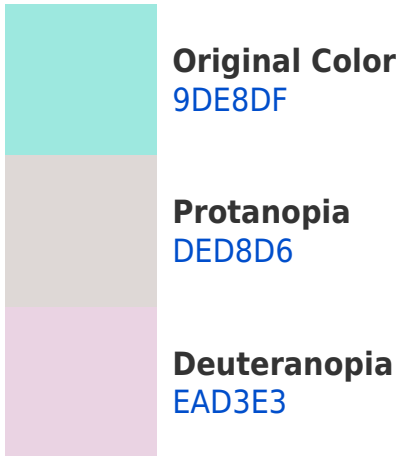


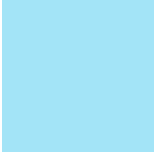
This preview shows how white text looks on a background with the Hex color 9DE8DF.

# 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](#).

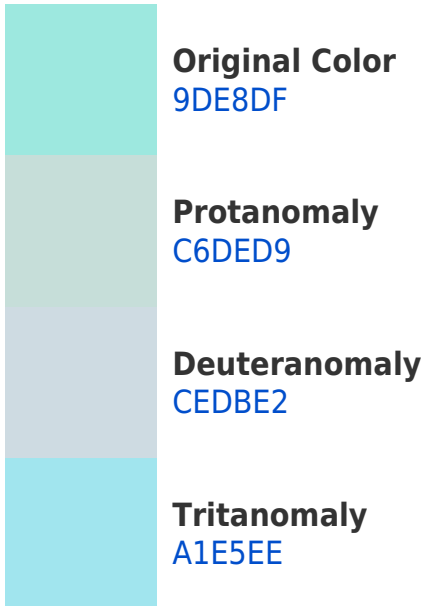
## Dichromacy



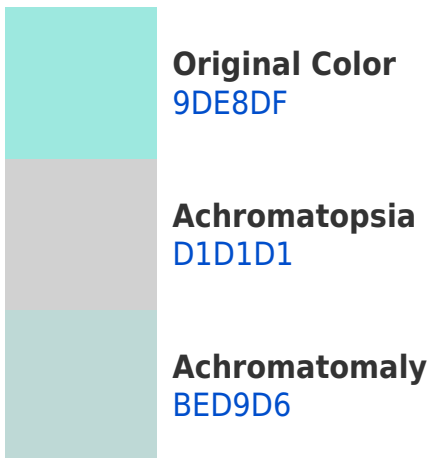


**Tritanopia**  
A3E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DE8DF 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 #9DE8DF looks like.

```
.text, #text, p{  
    color:#9DE8DF  
}
```

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 #9DE8DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE8DF
}
```

## Border

The CSS property to change the border of an element to Hex 9DE8DF 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
#9DE8DF }
```

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

```
.border{ border-color:#9DE8DF }
```

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

Here you see how a box with a 4 pixel #9DE8DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE8DF; -webkit-box-shadow:4px 4px  
4px 4px #9DE8DF; box-shadow:4px 4px 4px  
4px #9DE8DF }
```

# Background

The CSS property to change the background color of an element to Hex 9DE8DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE8DF }
```

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

```
.background{ background-color:#9DE8DF }
```

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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