

# Converting Colors

Hex(9DF9DA)

Have a look what the booklet for  
Hex(9DF9DA) contains.

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# Color

**Hex(9DF9DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DF9DA
RGB	157, 249, 218
RGB Percent	62%, 98%, 85%
CMY	0.3843, 0.0235, 0.1451
CMYK	0.37, 0.00, 0.12, 0.02
HSL	160°, 88%, 80%
HSV	160°, 37%, 98%
XYZ	60.4352, 79.9814, 78.5824
YIQ	217.9580, -44.8810, -29.1450

# Conversions

## Conversions Part 2

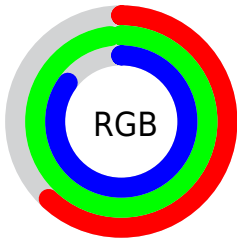
Format	Color
<a href="#">RYB</a>	<a href="#">157, 212, 249</a>
Decimal	<a href="#">10353114</a>
CIELab	<a href="#">91.68, -34.17, 6.25</a>
CIELCh	<a href="#">92, 34.737, 169.633</a>
Yxy	<a href="#">79.9814, 0.2760, 0.3652</a>
Android (android.graphics.Color)	<a href="#">4288543194 (0xFF9DF9DA)</a>
YUV	<a href="#">217.9580, 0.0207, -53.4602</a>
Hunter-Lab	<a href="#">89.4323, -35.8826, 10.5057</a>

# Details

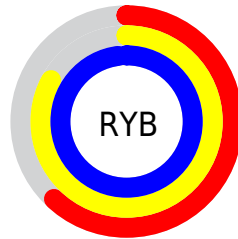
The Hex color **9DF9DA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F99DBC**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D6FFFF**, and **65C0A3** is the 20% darker color. If you saturate the color by 10%, you get **84F9D2**, and if you desaturate by 10%, it is **B6F9E2**.

# Distribution



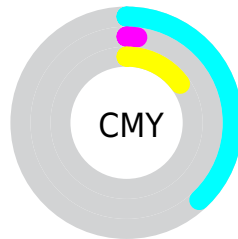
- Red (62%)
- Green (98%)
- Blue (85%)



- Red (62%)
- Yellow (83%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DF9DA 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 9DF9DA by changing the saturation by 10% instead.



 9DF9DA

FFFFFF

 D6FFFF

 F4FFFF

 9DF9DA

 81DCBE

 65C0A3

 49A589

 2B8A6F

 007057

 005740

 003F2A

 002915

 000B00

 9DF9DA

 9DF9DA

 84F9D2

 B6F9E2

 6BF9C9

 CFF9EB

 52F9C1

 E8F9F3

 39F9B8

 FFF9FC

 21F9B0

 FFF9FF

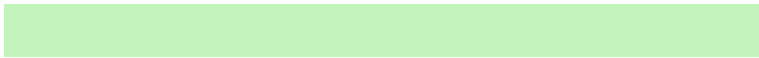
 08F9A8

 00F9A5

# Harmonies

## Analogous

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



C2F4BB



9DF9DA



83FAFC

# Triad

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



9DF9DA



DCE3FF



FFD6B6

# Complementary

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



9DF9DA



F99DBC

# 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.



FFCFD2



9DF9DA



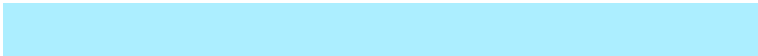
FFD7FF

# Square

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



9DF9DA



ACEEFF



FFD0F4



FFE1A6

# Rectangle

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



9DF9DA



82F8FF



FFD0F4



FFD3BE



# Sweetspot

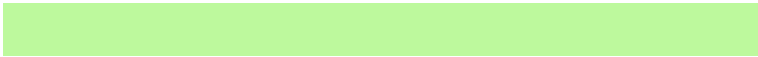
The Sweet Spot groups the original color and five complimentary colors.



9DF9DA



E3FFF6



BDF99D



6F807A



000000



808080



# Same Dimension

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



9DF9DA



8FFFD9



9DEBF9



707D79



00BD7D



003D29



# Inverse Universe

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



F99DBC



FF8FB5



F9AB9D



7D7075



BD0040

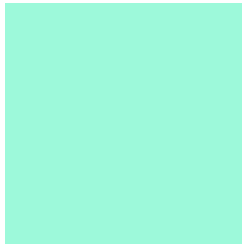


3D0015



# Previews

## White Background



This preview shows how the Hex color 9DF9DA looks on a white background.

## Color Contrast Check

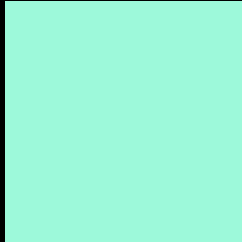
Large Text (above 18pt) WCAG AA × Fail

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 9DF9DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

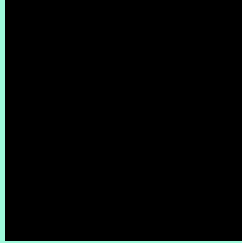
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DF9DA Background



This preview shows how black text looks on a background with the Hex color 9DF9DA.

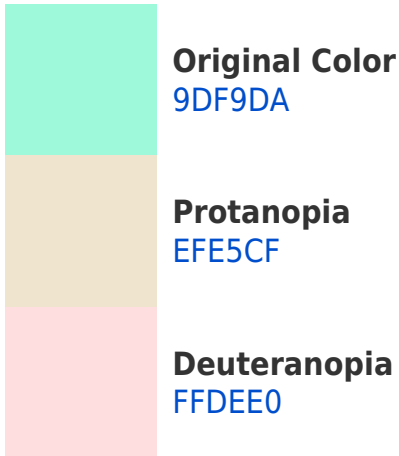


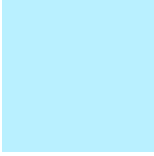
This preview shows how white text looks on a background with the Hex color 9DF9DA.

# 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](#).

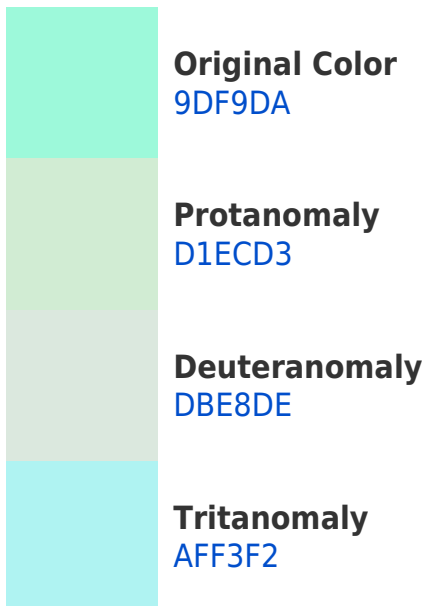
## Dichromacy



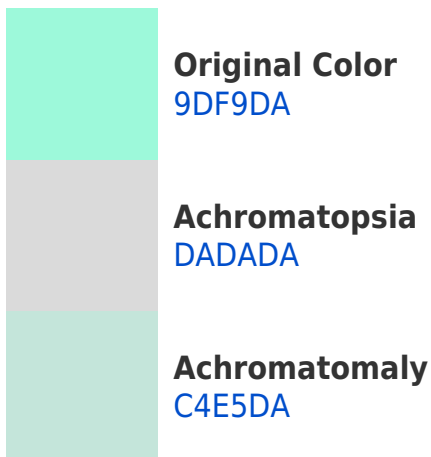


**Tritanopia**  
B9F0FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DF9DA 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 #9DF9DA looks like.

```
.text, #text, p{  
    color:#9DF9DA  
}
```

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 #9DF9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF9DA
}
```

## Border

The CSS property to change the border of an element to Hex 9DF9DA 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
#9DF9DA }
```

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

```
.border{ border-color:#9DF9DA }
```

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

Here you see how a box with a 4 pixel #9DF9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF9DA; -webkit-box-shadow:4px 4px  
4px 4px #9DF9DA; box-shadow:4px 4px 4px  
4px #9DF9DA }
```

# Background

The CSS property to change the background color of an element to Hex 9DF9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF9DA }
```

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

```
.background{ background-color:#9DF9DA }
```

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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