

# Converting Colors

Hex(9DF5F3)

Have a look what the booklet for  
Hex(9DF5F3) contains.

<b>Hex(9DF5F3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DF5F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DF5F3
RGB	157, 245, 243
RGB Percent	62%, 96%, 95%
CMY	0.3843, 0.0392, 0.0471
CMYK	0.36, 0.00, 0.01, 0.04
HSL	179°, 81%, 79%
HSV	179°, 36%, 96%
XYZ	62.7347, 78.9440, 96.7253
YIQ	218.4600, -51.8060, -19.2780

# Conversions

## Conversions Part 2

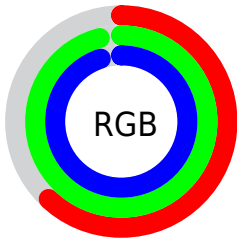
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	157, 202, 245
Decimal	10352115
CIE Lab	91.21, -26.77, -7.42
CIE LCh	91, 27.778, 195.487
Yxy	78.9440, 0.2631, 0.3311
Android (android.graphics.Color)	4288542195 (0xFF9DF5F3)
YUV	218.4600, 12.0982, -53.9004
Hunter-Lab	88.8504, -29.4546, -2.3496

# Details

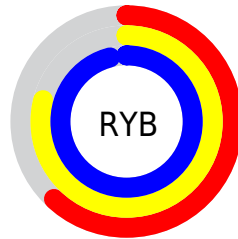
The Hex color **9DF5F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F59D9F**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D7FFFF**, and **65BCBB** is the 20% darker color. If you saturate the color by 10%, you get **85F5F2**, and if you desaturate by 10%, it is **B6F5F4**.

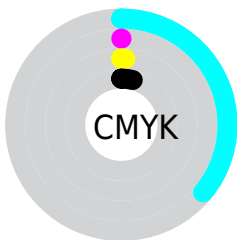
# Distribution



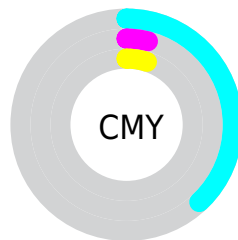
- Red (62%)
- Green (96%)
- Blue (95%)



- Red (62%)
- Yellow (79%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DF5F3 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 9DF5F3 by changing the saturation by 10% instead.



 9DF5F3

FFFFFF

 D7FFFF

 F4FFFF

 9DF5F3

 81D8D7

 65BCBB

 48A1A0

 298786

 006D6D

 005454

 003D3D

 002727

 000913

 9DF5F3

 9DF5F3

 85F5F2

 B6F5F4

 6CF5F2

 CEF5F4

 54F5F1

 E7F5F5

 3BF5F1

 FFF5F5

 23F5F0

 FFF5F6

 0AF5F0

 FFF5F7

 00F5EF

 FFF5F8

# Harmonies

## Analogous

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



B0F4D8



9DF5F3



9EF2FF

# Triad

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



9DF5F3



FBD AFF



FFE0B3

# Complementary

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



9DF5F3



F59D9F

# 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.



FFD8C1



9DF5F3



FFD4F4

# Square

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



9DF5F3



D9E3FF



FFD3D9



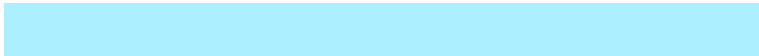
EBE8B2

# Rectangle

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



9DF5F3



ACEFFF



FFD3D9

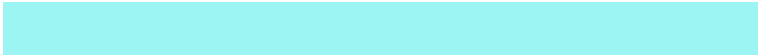


FFDDB6



# Sweetspot

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



9DF5F3



E3FFFE



A0F59D



6F807F



000000



808080



# Same Dimension

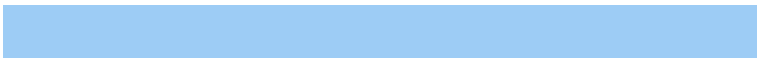
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9DF5F3



91FFFD



9DCCF5



6E7A7A



00BAB6



003B39



# Inverse Universe

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



F59D9F



FF9194



F5C69D



7A6E6E



BA0004

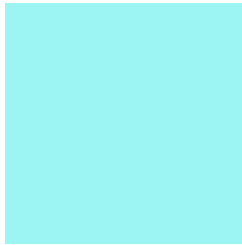


3B0001



# Previews

## White Background



This preview shows how the Hex color 9DF5F3 looks on a white background.

## Color Contrast Check

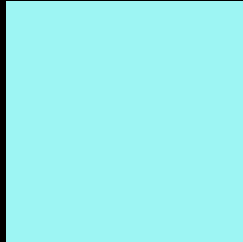
Large Text (above 18pt) WCAG AA × Fail

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 9DF5F3 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

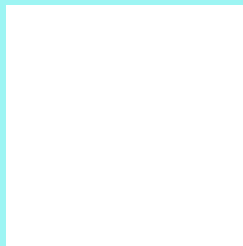
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DF5F3 Background



This preview shows how black text looks on a background with the Hex color 9DF5F3.

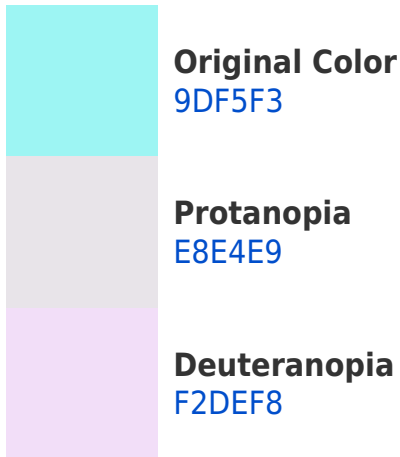


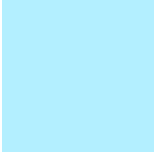
This preview shows how white text looks on a background with the Hex color 9DF5F3.

# 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



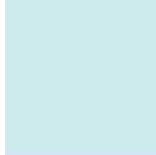


**Tritanopia**  
B3EFFF

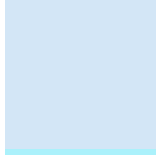
# Trichromacy



**Original Color**  
9DF5F3



**Protanomaly**  
CDEAED



**Deuteranomaly**  
D3E6F6

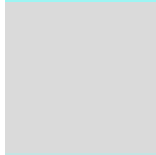


**Tritanomaly**  
ABF1FB

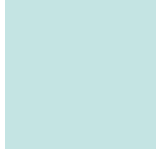
# Monochromacy



**Original Color**  
9DF5F3



**Achromatopsia**  
DADADA



**Achromatomaly**  
C4E4E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DF5F3 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 #9DF5F3 looks like.

```
.text, #text, p{  
    color:#9DF5F3  
}
```

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 #9DF5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF5F3
}
```

## Border

The CSS property to change the border of an element to Hex 9DF5F3 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
#9DF5F3 }
```

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

```
.border{ border-color:#9DF5F3 }
```

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

Here you see how a box with a 4 pixel #9DF5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF5F3; -webkit-box-shadow:4px 4px  
4px 4px #9DF5F3; box-shadow:4px 4px 4px  
4px #9DF5F3 }
```

# Background

The CSS property to change the background color of an element to Hex 9DF5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF5F3 }
```

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

```
.background{ background-color:#9DF5F3 }
```

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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