

# Converting Colors

Hex(9FDCF3)

Have a look what the booklet for  
Hex(9FDCF3) contains.

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# **Color**

**Hex(9FDCF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FDCF3
RGB	159, 220, 243
RGB Percent	62%, 86%, 95%
CMY	0.3765, 0.1373, 0.0471
CMYK	0.35, 0.09, 0.00, 0.05
HSL	196°, 78%, 79%
HSV	196°, 35%, 95%
XYZ	56.0689, 65.0284, 94.3906
YIQ	204.3830, -43.7390, -5.7790

# Conversions

## Conversions Part 2

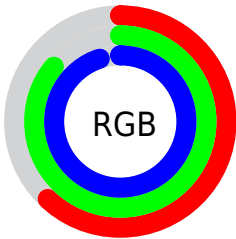
Format	Color
<a href="#">RYB</a>	<a href="#">159, 194, 243</a>
Decimal	<a href="#">10476787</a>
CIELab	<a href="#">84.50, -13.84, -17.43</a>
CIELCh	<a href="#">84, 22.257, 231.537</a>
Yxy	<a href="#">65.0284, 0.2602, 0.3018</a>
Android (android.graphics.Color)	<a href="#">4288666867</a> ( <a href="#">0xFF9FDCF3</a> )
YUV	<a href="#">204.3830, 19.0382, -39.8009</a>
Hunter-Lab	<a href="#">80.6402, -17.0097, -12.9518</a>

# Details

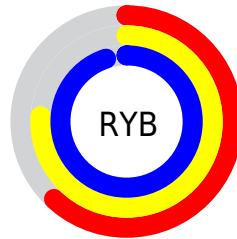
The Hex color **9FDCF3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F3B69F**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D8FFFF**, and **68A5BB** is the 20% darker color. If you saturate the color by 10%, you get **87D5F3**, and if you desaturate by 10%, it is **B7E3F3**.

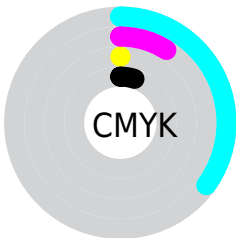
# Distribution



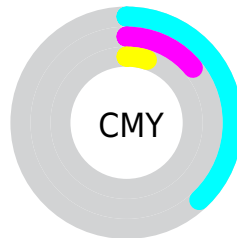
- Red (62%)
- Green (86%)
- Blue (95%)



- Red (62%)
- Yellow (76%)
- Blue (95%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (14%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FDCE3 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 9FDCE3 by changing the saturation by 10% instead.



 9FDCF3

 9FDCF3

FFFFFF


 83C0D7

 D8FFFF

 68A5BB

 F5FFFF

 4D8BA0

 317186

 0E596C

 004154

 002B3D

 001827

 000112

 9FDCF3

 9FDCF3

 87D5F3

 B7E3F3

 6ECFF3

 D0E9F3

 56C8F3

 E8F0F3

 3EC1F3

 FFF7F3

 26BBF3

 FFFDF3

 0DB4F3

 FFFFF3

 00B0F3

# Harmonies

## Analogous

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



9ADFE1



9FDCF3



B3D7FC

# Triad

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



9FDCF3



F9C5DA



D3D6AC

# Complementary

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



9FDCF3



F3B69F

# 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.



E9CFAA



9FDCF3



FFC5C4

# Square

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



9FDCF3



E8C9ED



F9C9B3



BBD CB8

# Rectangle

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



9FDCF3



C6D2FC



F9C9B3



DBD4AA

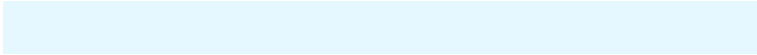


# Sweetspot

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



9FDCF3



E6F8FF



9FF3B5



707B80



000000



808080

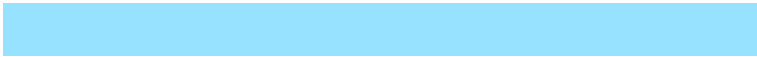


# Same Dimension

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



9FDCF3



96E2FF



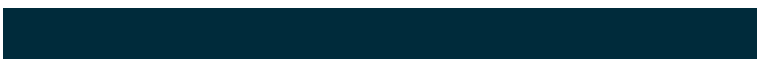
9FB3F3



6E777A



0087BA



002B3B



# Inverse Universe

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



F39FDC



FF96E2



F3DF9F



7A6E77



BA0087

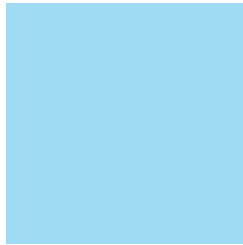


3B002B



# Previews

## White Background



This preview shows how the Hex color 9FDCF3 looks on a white background.

## Color Contrast Check

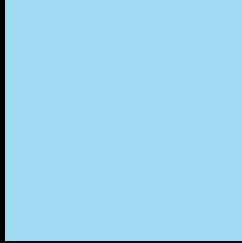
Large Text (above 18pt) WCAG AA × Fail

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 9FDCF3 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 9FDCF3 Background



This preview shows how black text looks on a background with the Hex color 9FDCF3.

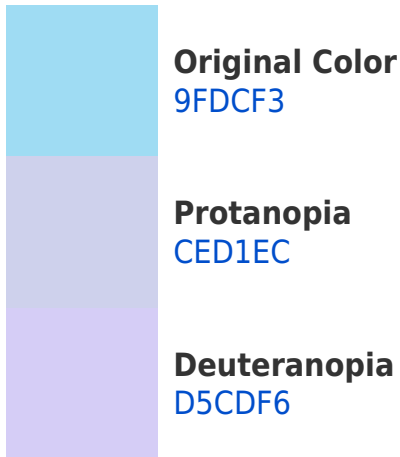


This preview shows how white text looks on a background with the Hex color 9FDCF3.

# Color Blindness Simulation

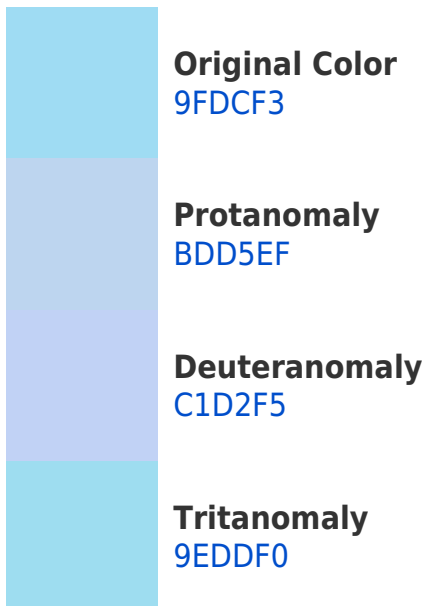
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

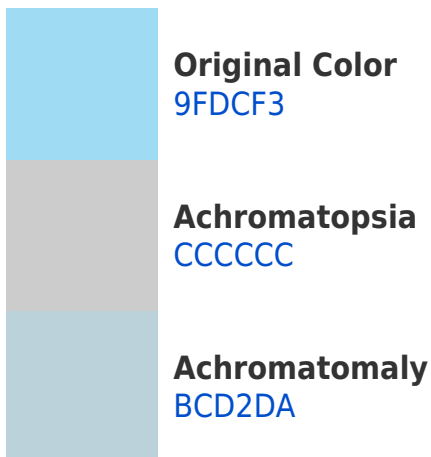




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FDCF3 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 #9FDCF3 looks like.

```
.text, #text, p{  
    color:#9FDCF3  
}
```

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 #9FDCF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDCF3
}
```

## Border

The CSS property to change the border of an element to Hex 9FDCF3 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
#9FDCF3 }
```

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

```
.border{ border-color:#9FDCF3 }
```

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

Here you see how a box with a 4 pixel #9FDCF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDCF3; -webkit-box-shadow:4px 4px  
4px 4px #9FDCF3; box-shadow:4px 4px 4px  
4px #9FDCF3 }
```

# Background

The CSS property to change the background color of an element to Hex 9FDCF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDCF3 }
```

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

```
.background{ background-color:#9FDCF3 }
```

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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