

# Converting Colors

Hex(9FD1B3)

Have a look what the booklet for  
Hex(9FD1B3) contains.

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# **Color**

**Hex(9FD1B3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9FD1B3                       |
| RGB         | 159, 209, 179                |
| RGB Percent | 62%, 82%, 70%                |
| CMY         | 0.3765, 0.1804, 0.2980       |
| CMYK        | 0.24, 0.00, 0.14, 0.18       |
| HSL         | 144°, 35%, 72%               |
| HSV         | 144°, 24%, 82%               |
| XYZ         | 45.2352, 56.2265, 51.1165    |
| YIQ         | 190.6300, -20.1700, -19.9300 |

# Conversions

## Conversions Part 2

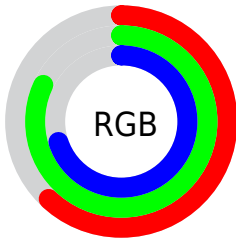
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">159, 195, 209</a>                   |
| Decimal                             | <a href="#">10473907</a>                        |
| CIELab                              | <a href="#">79.74, -22.31, 9.63</a>             |
| CIELCh                              | <a href="#">80, 24.299, 156.644</a>             |
| Yxy                                 | <a href="#">56.2265, 0.2965,<br/>0.3685</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288663987<br/>(0xFF9FD1B3)</a>     |
| YUV                                 | <a href="#">190.6300, -5.7336,<br/>-27.7395</a> |
| Hunter-Lab                          | <a href="#">74.9844, -23.5403,<br/>12.0713</a>  |

# Details

The Hex color **9FD1B3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D19FBD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D6FFE8**, and **6A9A7E** is the 20% darker color. If you saturate the color by 10%, you get **8AD1A6**, and if you desaturate by 10%, it is **B4D1C0**.

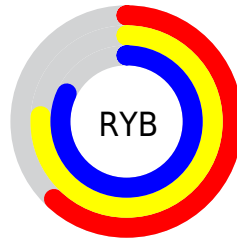
# Distribution



Red (62%)

Green (82%)

Blue (70%)



Red (62%)

Yellow (76%)

Blue (82%)

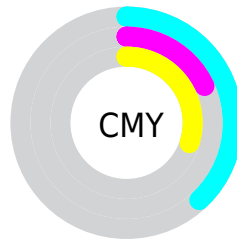


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (38%)

Magenta (18%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FD1B3 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 9FD1B3 by changing the saturation by 10% instead.





9FD1B3



9FD1B3

FFFFFF



84B598



D6FFEB



6A9A7E



F3FFFF



518065



39674D



214F36



063721



00220B



000000



9FD1B3



9FD1B3

 8AD1A6

 B4D1C0

 75D19A

 C9D1CC

 60D18D

 DED1D9

 4BD181

 F3D1E5

 36D174

 FFD1F2

 22D168

 FFD1FE

 0DD15B

 FFD1FF

 00D154

# Harmonies

## Analogous

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



B8CCA1



9FD1B3



8BD3CA

# Triad

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



9FD1B3



B2C6F2



F3B8AC

# Complementary

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



9FD1B3



D19FBD

# 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.



F3B5C1



9FD1B3



D0BEEA

# Square

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



9FD1B3



95CDEF



E7B8D8



E6BE9D

# Rectangle

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



9FD1B3



86D2D9



E7B8D8



F4B7B2



# Sweetspot

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



9FD1B3



EDFFF4



BDD19F



758079



000000



808080

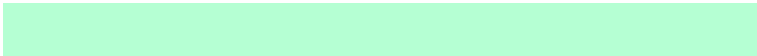


# Same Dimension

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



9FD1B3



B5FFD3



9FD1CC



5E6962



00A843



002910



# Inverse Universe

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



D19FBD



FFB5E1



D19FA4



695E64



A80065

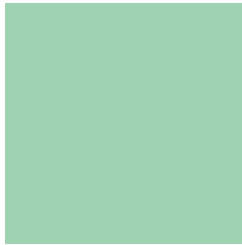


290018



# Previews

## White Background



This preview shows how the Hex color 9FD1B3 looks on a white background.

## Color Contrast Check

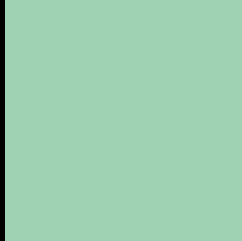
Large Text (above 18pt) WCAG AA × Fail

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 9FD1B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

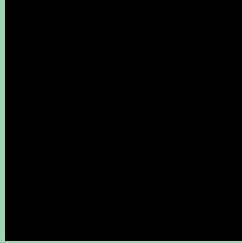
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FD1B3 Background



This preview shows how black text looks on a background with the Hex color 9FD1B3.

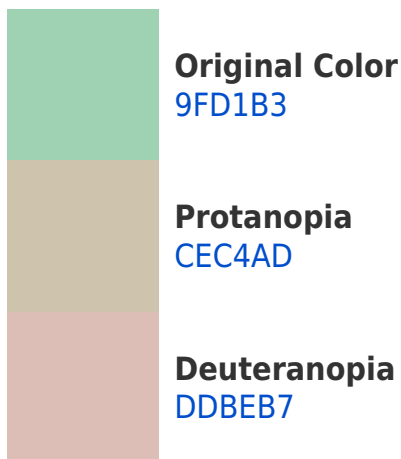


This preview shows how white text looks on a background with the Hex color 9FD1B3.

# Color Blindness Simulation

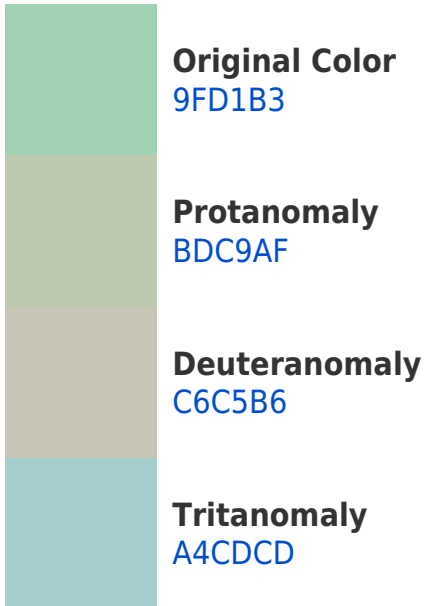
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

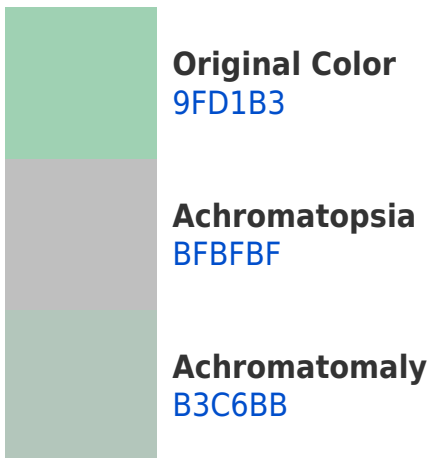




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FD1B3 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 #9FD1B3 looks like.

```
.text, #text, p{  
    color:#9FD1B3  
}
```

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 #9FD1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FD1B3
}
```

## Border

The CSS property to change the border of an element to Hex 9FD1B3 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
#9FD1B3 }
```

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

```
.border{ border-color:#9FD1B3 }
```

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

Here you see how a box with a 4 pixel #9FD1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FD1B3; -webkit-box-shadow:4px 4px  
4px 4px #9FD1B3; box-shadow:4px 4px 4px  
4px #9FD1B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9FD1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FD1B3 }
```

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

```
.background{ background-color:#9FD1B3 }
```

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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