

# Converting Colors

Hex(9DF3B0)

Have a look what the booklet for  
Hex(9DF3B0) contains.

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# **Color**

**Hex(9DF3B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DF3B0
RGB	157, 243, 176
RGB Percent	62%, 95%, 69%
CMY	0.3843, 0.0471, 0.3098
CMYK	0.35, 0.00, 0.28, 0.05
HSL	133°, 78%, 78%
HSV	133°, 35%, 95%
XYZ	53.7917, 74.4039, 52.6006
YIQ	209.6480, -29.7490, -39.0690

# Conversions

## Conversions Part 2

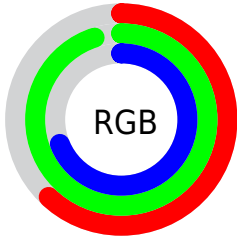
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 227, 243
Decimal	10351536
CIELab	89.11, -39.49, 24.30
CIELCh	89, 46.368, 148.396
Yxy	74.4039, 0.2975, 0.4115
Android (android.graphics.Color)	4288541616 (0xFF9DF3B0)
YUV	209.6480, -16.5885, -46.1723
Hunter-Lab	86.2577, -39.6354, 24.2249

# Details

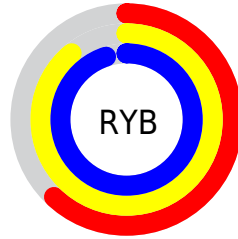
The Hex color **9DF3B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39DE0**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D6FFE8**, and **66BA7B** is the 20% darker color. If you saturate the color by 10%, you get **85F39D**, and if you desaturate by 10%, it is **B5F3C3**.

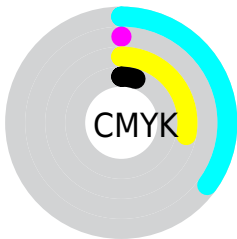
# Distribution



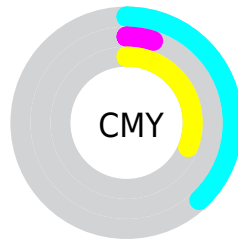
- Red (62%)
- Green (95%)
- Blue (69%)



- Red (62%)
- Yellow (89%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DF3B0 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 9DF3B0 by changing the saturation by 10% instead.



 9DF3B0

 9DF3B0

FFFFFF

 81D695

 D6FFE8

 66BA7B

 F3FFFF

 4B9F62

 2E844A

 096B32

 00521C

 003A04

 002600

 000000

 9DF3B0

 9DF3B0

 85F39D

 B5F3C3

 6CF38A

 CEF3D6

 54F377

 E6F3E9

 3CF364

 FEF3FC

 24F351

 FFF3FF

 0BF33E

 00F336

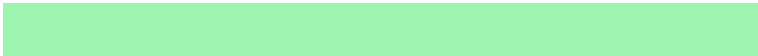
# Harmonies

## Analogous

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



D2EA90



9DF3B0



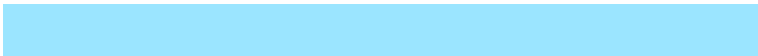
61F7DC

# Triad

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



9DF3B0



9BE5FF



FFC1B8

# Complementary

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



9DF3B0



F39DE0

# 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.



FFBEE4



9DF3B0



E1D5FF

# Square

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



9DF3B0



4AF1FF



FFC6FF



FFCD96

# Rectangle

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



9DF3B0



33F7FA



FFC6FF

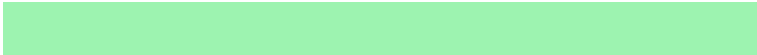


FFBEC6

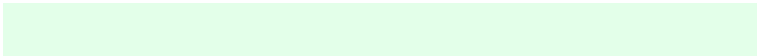


# Sweetspot

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



9DF3B0



E3FFE9



E0F39D



6F8073



000000



808080



# Same Dimension

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



9DF3B0



94FFAC



9DF3DB



6E7A71



00BA29



003B0D



# Inverse Universe

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



F39DE0



FF94E7



F39DB5



7A6E78



BA0091

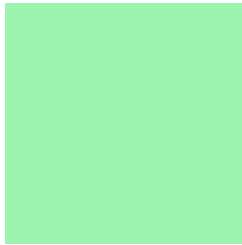


3B002E



# Previews

## White Background



This preview shows how the Hex color 9DF3B0 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 9DF3B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

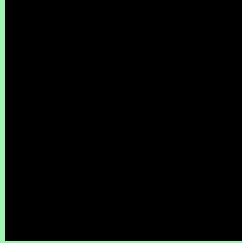
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DF3B0 Background



This preview shows how black text looks on a background with the Hex color 9DF3B0.

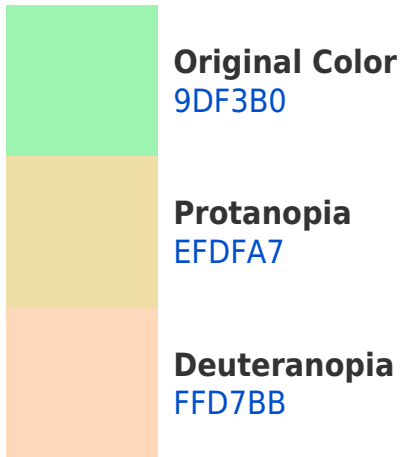


This preview shows how white text looks on a background with the Hex color 9DF3B0.

# 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



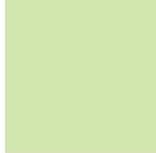


**Tritanopia**  
ACE9FC

# Trichromacy



**Original Color**  
9DF3B0



**Protanomaly**  
D1E6AA



**Deuteranomaly**  
DBE1B7

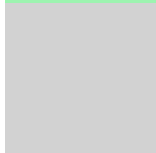


**Tritanomaly**  
A7EDE0

# Monochromacy



**Original Color**  
9DF3B0



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BFDEC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DF3B0 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 #9DF3B0 looks like.

```
.text, #text, p{  
    color:#9DF3B0  
}
```

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 #9DF3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF3B0
}
```

## Border

The CSS property to change the border of an element to Hex 9DF3B0 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
#9DF3B0 }
```

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

```
.border{ border-color:#9DF3B0 }
```

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

Here you see how a box with a 4 pixel #9DF3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF3B0; -webkit-box-shadow:4px 4px  
4px 4px #9DF3B0; box-shadow:4px 4px 4px  
4px #9DF3B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9DF3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF3B0 }
```

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

```
.background{ background-color:#9DF3B0 }
```

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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