

# Converting Colors

Hex(9BDFF4)

Have a look what the booklet for  
Hex(9BDFF4) contains.

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# **Color**

**Hex(9BDF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDF4
RGB	155, 223, 244
RGB Percent	61%, 87%, 96%
CMY	0.3922, 0.1255, 0.0431
CMYK	0.36, 0.09, 0.00, 0.04
HSL	194°, 80%, 78%
HSV	194°, 36%, 96%
XYZ	56.2344, 66.2756, 95.4165
YIQ	205.0620, -47.2690, -7.8850

# Conversions

## Conversions Part 2

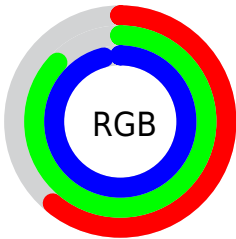
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 194, 244
Decimal	10215412
CIELab	85.14, -16.18, -17.02
CIELCh	85, 23.483, 226.435
Yxy	66.2756, 0.2580, 0.3041
Android (android.graphics.Color)	4288405492 (0xFF9BDF4)
YUV	205.0620, 19.1964, -43.9044
Hunter-Lab	81.4098, -19.1671, -12.5041

# Details

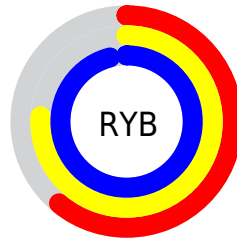
The Hex color **9BDFE4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F4B09B**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D4FFFF**, and **64A8BC** is the 20% darker color. If you saturate the color by 10%, you get **83D9F4**, and if you desaturate by 10%, it is **B3E5F4**.

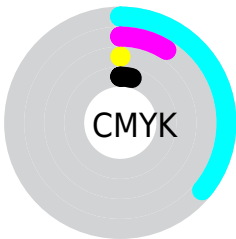
# Distribution



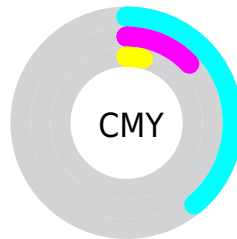
- Red (61%)
- Green (87%)
- Blue (96%)



- Red (61%)
- Yellow (76%)
- Blue (96%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDFF4 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 9BDFF4 by changing the saturation by 10% instead.



 9BDFF4

 9BDFF4

FFFFFF

 7FC3D8

 D4FFFF

 64A8BC

 F1FFFF

 488DA1

 2A7487

 005B6D

 004355

 002D3E

 001A28

 000113

 9BDFF4

 9BDFF4

 83D9F4

 B3E5F4

 6AD3F4

 CCEBF4

 52CEF4

 E4F0F4

 39C8F4

 FDF6F4

 21C2F4

 FFFCF4

 09BCF4

 FFFFF4

 00BAF4

# Harmonies

## Analogous

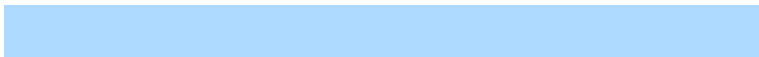
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99E1E0



9BDFF4



AEDAFF

# Triad

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



9BDF4



FBC6E0



D9D7AA

# Complementary

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



9BDF4



F4B09B

# 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.



EFD0AA



9BDFF4



FFC5C9

# Square

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



9BDF4



E7CBF3



FEC9B5



C0DDB6

# Rectangle

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



9BDF4



C1D5FF



FEC9B5



E1D5A9

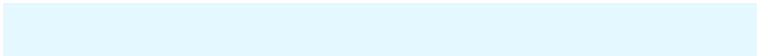


# Sweetspot

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



9BDF4



E3F8FF



9BF4B0



6F7C80



000000



808080

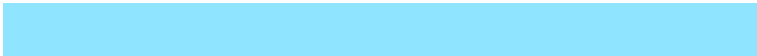


# Same Dimension

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



9BDF4



8FE5FF



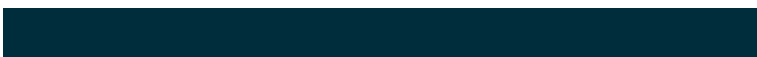
9BB3F4



6E787A



008EBA



002D3B



# Inverse Universe

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



F49BDF



FF8FE5



F4DC9B



7A6E78



BA008E

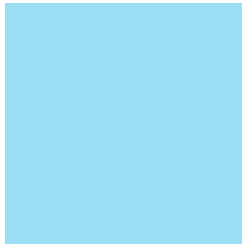


3B002D



# Previews

## White Background



This preview shows how the Hex color 9BDFF4 looks on a white background.

## Color Contrast Check

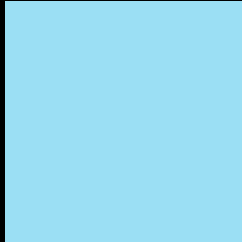
Large Text (above 18pt) WCAG AA × Fail

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 9BDF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

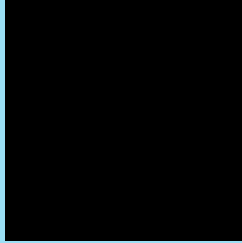
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BDFF4 Background



This preview shows how black text looks on a background with the Hex color 9BDFF4.

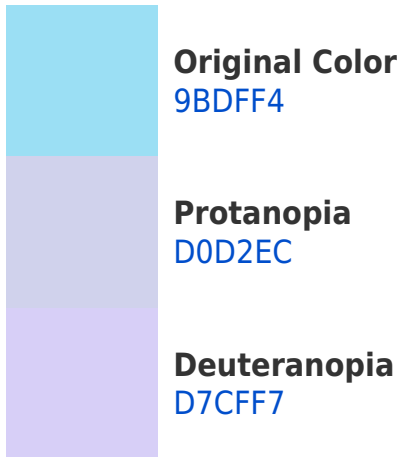


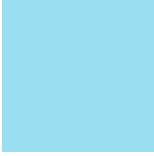
This preview shows how white text looks on a background with the Hex color 9BDFF4.

# 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](#).

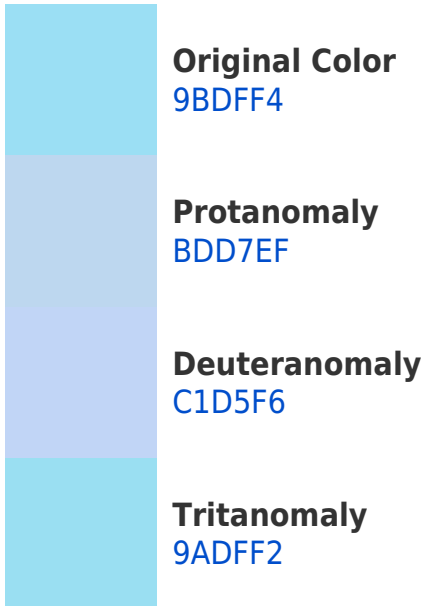
## Dichromacy



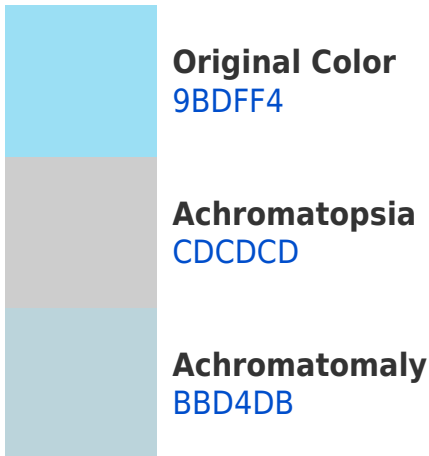


**Tritanopia**  
9ADFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDFF4 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 #9BDFF4 looks like.

```
.text, #text, p{  
    color:#9BDFF4  
}
```

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 #9BDFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDFF4  
}
```

## Border

The CSS property to change the border of an element to Hex 9BDFF4 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  
#9BDFF4 }
```

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

```
.border{ border-color:#9BDFF4 }
```

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

Here you see how a box with a 4 pixel #9BDFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDFF4; -webkit-box-shadow:4px 4px  
4px 4px #9BDFF4; box-shadow:4px 4px 4px  
4px #9BDFF4 }
```

# Background

The CSS property to change the background color of an element to Hex 9BDFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDFF4 }
```

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

```
.background{ background-color:#9BDFF4 }
```

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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