

# Converting Colors

Hex(9FF6B6)

Have a look what the booklet for  
Hex(9FF6B6) contains.

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**Color**

**Hex(9FF6B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF6B6
RGB	159, 246, 182
RGB Percent	62%, 96%, 71%
CMY	0.3765, 0.0353, 0.2863
CMYK	0.35, 0.00, 0.26, 0.04
HSL	136°, 83%, 79%
HSV	136°, 35%, 96%
XYZ	55.6973, 76.6599, 56.1172
YIQ	212.6910, -31.3080, -38.3480

# Conversions

## Conversions Part 2

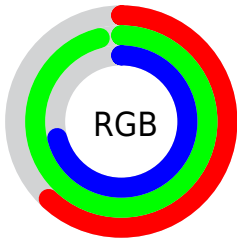
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 228, 246
Decimal	10483382
CIELab	90.16, -39.20, 22.69
CIELCh	90, 45.291, 149.934
Yxy	76.6599, 0.2955, 0.4067
Android (android.graphics.Color)	4288673462 (0xFF9FF6B6)
YUV	212.6910, -15.1307, -47.0870
Hunter-Lab	87.5556, -39.6719, 23.2880

# Details

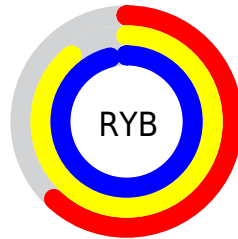
The Hex color **9FF6B6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F69FDF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D8FFEE**, and **68BD81** is the 20% darker color. If you saturate the color by 10%, you get **86F6A4**, and if you desaturate by 10%, it is **B8F6C8**.

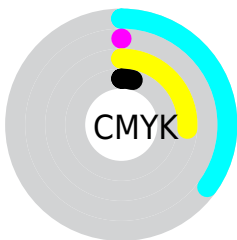
# Distribution



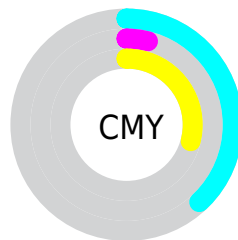
- Red (62%)
- Green (96%)
- Blue (71%)



- Red (62%)
- Yellow (89%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF6B6 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 9FF6B6 by changing the saturation by 10% instead.



 9FF6B6

 9FF6B6

FFFFFF

 83D99B

 D8FFEE

 68BD81

 F5FFFF

 4DA267

 30874F

 0C6D38

 005421

 003C0B

 002700

 000100

 9FF6B6

 9FF6B6

 86F6A4

 B8F6C8

 6EF692

 D0F6DA

 55F680

 E9F6EC

 3DF66E

 FFF6FE

 24F65C

 FFF6FF

 0BF649

 00F641

# Harmonies

## Analogous

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



D3ED96



9FF6B6



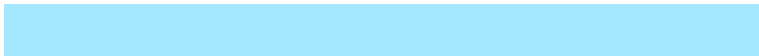
66FAE1

# Triad

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



9FF6B6



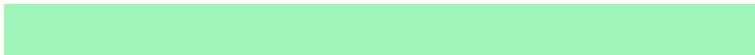
A5E7FF



FFC5BA

# Complementary

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



9FF6B6



F69DF

# 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.



FFC1E5



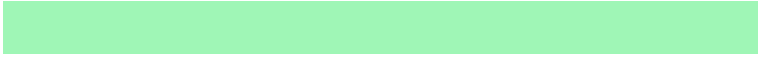
9FF6B6



E8D8FF

# Square

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



9FF6B6



5BF3FF



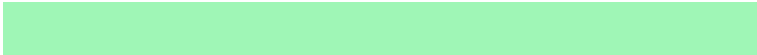
FFC9FF



FFD199

# Rectangle

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



9FF6B6



41FAFF



FFC9FF



FFC3C7

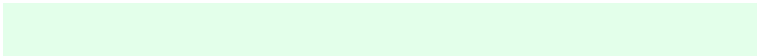


# Sweetspot

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



9FF6B6



E3FFEA



E0F69F



6F8073



000000

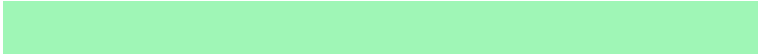


808080



# Same Dimension

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



9FF6B6



94FFB0



9FF6E0



6E7A71



00BA31



003B10



# Inverse Universe

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



F69FDF



FF94E3



F69FB5



7A6E77



BA0089

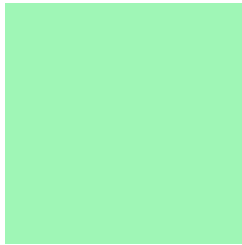


3B002B



# Previews

## White Background



This preview shows how the Hex color 9FF6B6 looks on a white background.

## Color Contrast Check

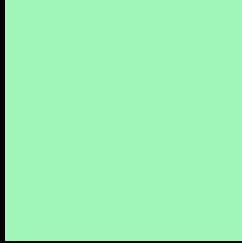
Large Text (above 18pt) WCAG AA × Fail

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 9FF6B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

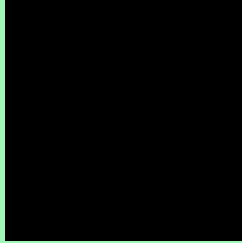
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FF6B6 Background



This preview shows how black text looks on a background with the Hex color 9FF6B6.

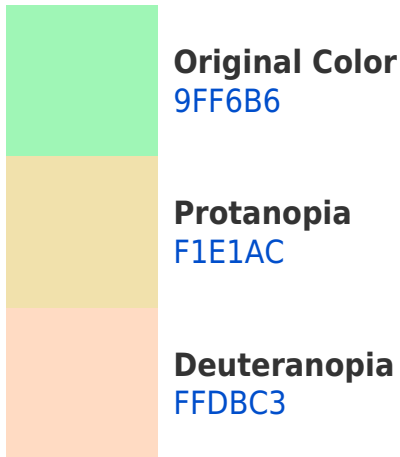


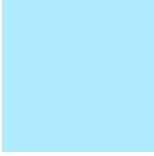
This preview shows how white text looks on a background with the Hex color 9FF6B6.

# 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](#).

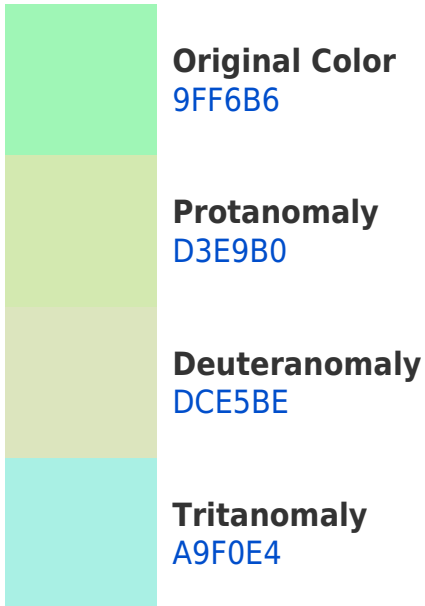
## Dichromacy



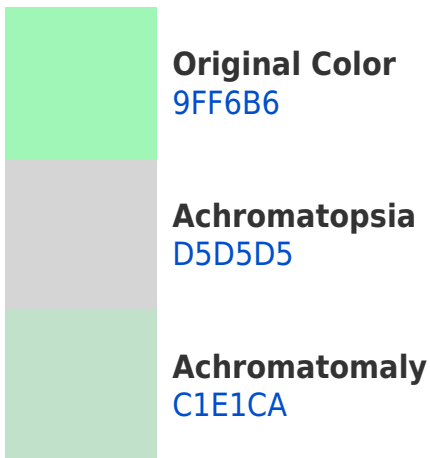


**Tritanopia**  
AFECFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF6B6 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 #9FF6B6 looks like.

```
.text, #text, p{  
    color:#9FF6B6  
}
```

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 #9FF6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF6B6  
}
```

## Border

The CSS property to change the border of an element to Hex 9FF6B6 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  
#9FF6B6 }
```

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

```
.border{ border-color:#9FF6B6 }
```

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

Here you see how a box with a 4 pixel #9FF6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF6B6; -webkit-box-shadow:4px 4px  
4px 4px #9FF6B6; box-shadow:4px 4px 4px  
4px #9FF6B6 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF6B6 }
```

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

```
.background{ background-color:#9FF6B6 }
```

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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