

# Converting Colors

Hex(9FF4B0)

Have a look what the booklet for  
Hex(9FF4B0) contains.

<b>Hex(9FF4B0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9FF4B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FF4B0
RGB	159, 244, 176
RGB Percent	62%, 96%, 69%
CMY	0.3765, 0.0431, 0.3098
CMYK	0.35, 0.00, 0.28, 0.04
HSL	132°, 79%, 79%
HSV	132°, 35%, 96%
XYZ	54.4852, 75.2069, 52.7190
YIQ	210.8330, -28.8320, -39.1680

# Conversions

## Conversions Part 2

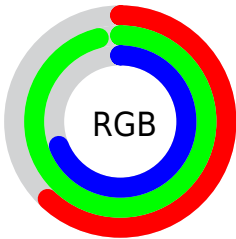
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 230, 244
Decimal	10482864
CIELab	89.49, -39.34, 24.83
CIELCh	89, 46.525, 147.744
Yxy	75.2069, 0.2987, 0.4123
Android (android.graphics.Color)	4288672944 (0xFF9FF4B0)
YUV	210.8330, -17.1727, -45.4575
Hunter-Lab	86.7219, -39.6162, 24.6624

# Details

The Hex color **9FF4B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F49FE3**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D8FFE8**, and **68BB7B** is the 20% darker color. If you saturate the color by 10%, you get **87F49C**, and if you desaturate by 10%, it is **B7F4C4**.

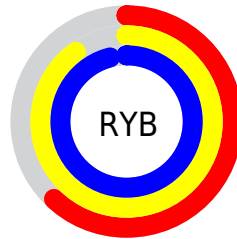
# Distribution



Red (62%)

Green (96%)

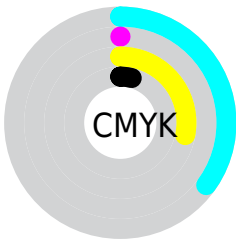
Blue (69%)



Red (62%)

Yellow (90%)

Blue (96%)

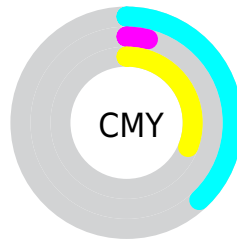


Cyan (35%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (38%)

Magenta (4%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF4B0 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 9FF4B0 by changing the saturation by 10% instead.



 9FF4B0

 9FF4B0

FFFFFF

 83D795

 D8FFE8

 68BB7B

 F5FFFF

 4DA062

 31854A

 0E6C32

 00531C

 003B04

 002600

 000000

 9FF4B0

 9FF4B0

 87F49C

 B7F4C4

 6EF489

 D0F4D7

 56F475

 E8F4EB

 3DF462

 FFF4FE

 25F44E

 FFF4FF

 0DF43B

 00F431

# Harmonies

## Analogous

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



D4EB91



9FF4B0



63F8DC

# Triad

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



9FF4B0



9AE6FF



FFC1BA

# Complementary

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



9FF4B0



F49FE3

# 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.



FFBFE6



9FF4B0



E1D7FF

# Square

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



9FF4B0



49F2FF



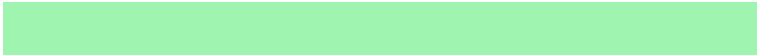
FFC7FF



FFCE97

# Rectangle

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



9FF4B0



35F9FA



FFC7FF



FFBFC8



# Sweetspot

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



9FF4B0



E6FFEB



E3F49F



708073



000000



808080

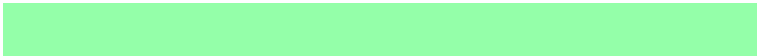


# Same Dimension

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



9FF4B0



94FFA9



9FF4D9



6E7A71



00BA25



003B0C



# Inverse Universe

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



F49FE3



FF94EA



F49FB9



7A6E78



BA0095

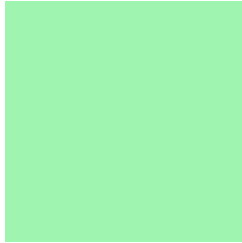


3B002F



# Previews

## White Background



This preview shows how the Hex color 9FF4B0 looks on a white background.

## Color Contrast Check

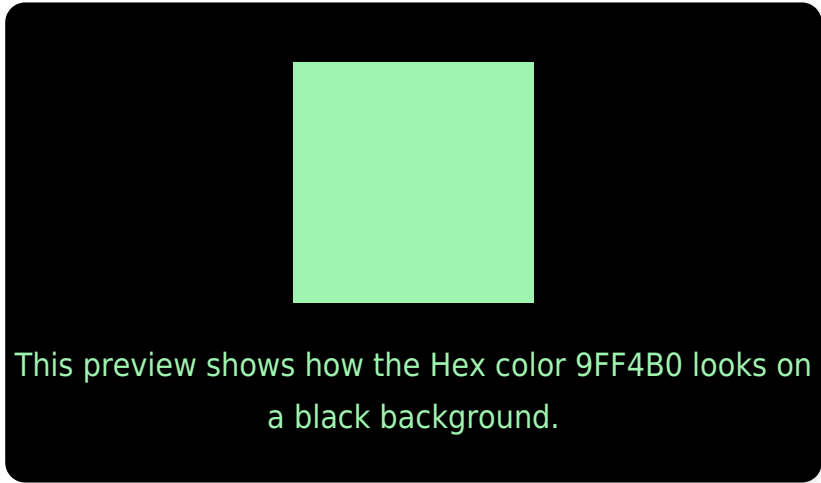
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 9FF4B0 Background



This preview shows how black text looks on a background with the Hex color 9FF4B0.

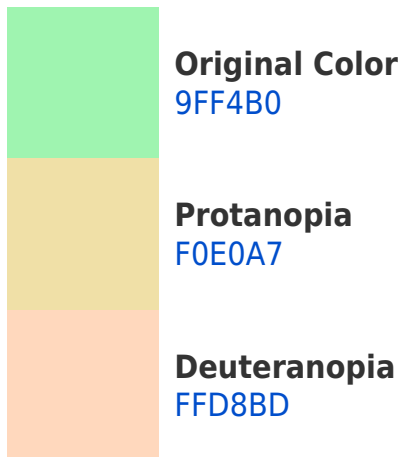


This preview shows how white text looks on a background with the Hex color 9FF4B0.

# Color Blindness Simulation

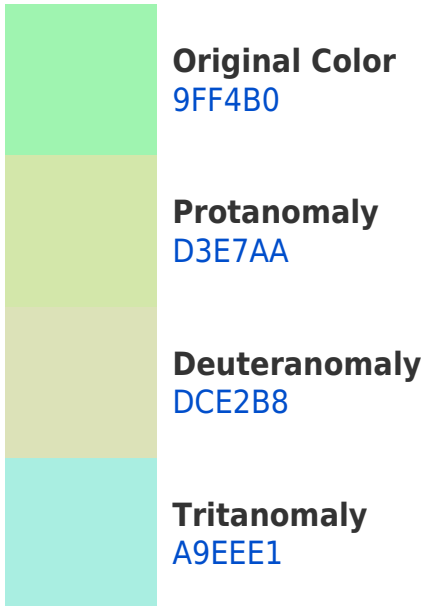
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

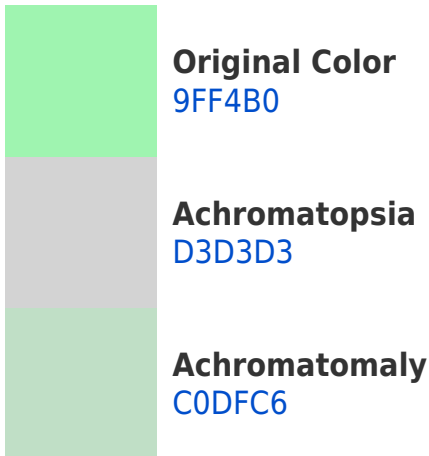




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF4B0 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 #9FF4B0 looks like.

```
.text, #text, p{  
    color:#9FF4B0  
}
```

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 #9FF4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF4B0
}
```

## Border

The CSS property to change the border of an element to Hex 9FF4B0 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
#9FF4B0 }
```

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

```
.border{ border-color:#9FF4B0 }
```

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

Here you see how a box with a 4 pixel #9FF4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF4B0; -webkit-box-shadow:4px 4px  
4px 4px #9FF4B0; box-shadow:4px 4px 4px  
4px #9FF4B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF4B0 }
```

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

```
.background{ background-color:#9FF4B0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor