

# Converting Colors

Hex(9AFFEF)

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

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# **Color**

**Hex(9AFFEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AFFEF
RGB	154, 255, 239
RGB Percent	60%, 100%, 94%
CMY	0.3961, 0.0000, 0.0627
CMYK	0.40, 0.00, 0.06, 0.00
HSL	170°, 100%, 80%
HSV	170°, 40%, 100%
XYZ	64.6664, 84.6220, 94.5868
YIQ	222.9770, -55.0600, -26.3880

# Conversions

## Conversions Part 2

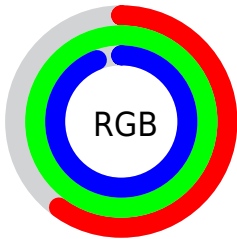
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 209, 255
Decimal	10158063
CIELab	93.72, -33.17, -1.66
CIELCh	94, 33.211, 182.866
Yxy	84.6220, 0.2652, 0.3470
Android (android.graphics.Color)	4288348143 (0xFF9AFFEF)
YUV	222.9770, 7.8993, -60.4928
Hunter-Lab	91.9902, -35.5027, 3.4296

# Details

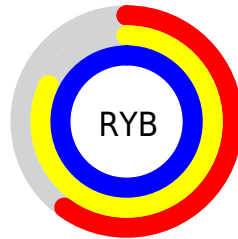
The Hex color **9AFFEF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9AAA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D4FFFF**, and **61C6B7** is the 20% darker color. If you saturate the color by 10%, you get **81FFE8**, and if you desaturate by 10%, it is **B3FFF3**.

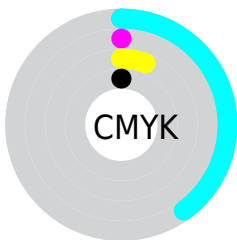
# Distribution



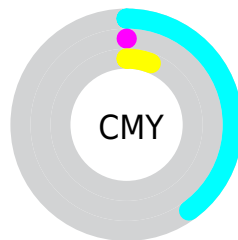
- Red (60%)
- Green (100%)
- Blue (94%)



- Red (60%)
- Yellow (82%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

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



 9AFFEF

FFFFFF

 D4FFFF

 F2FFFF

 9AFFEF

 7DE2D3

 61C6B7

 43AA9C

 208F82

 007569

 005C51

 00443A

 002D25

 001610

 9AFFEF

 9AFFEF

 81FFEB

 B3FFF3

 67FFE7

 CDFFF7

 4EFFE3

 E7FFFB

 34FFDF

FFFFFF

 1AFFDB

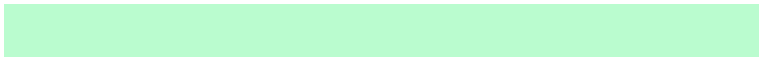
 01FFD7

 00FFD7

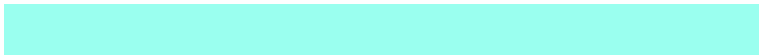
# Harmonies

## Analogous

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



BAFCCF



9AFFEF



8DFEFF

# Triad

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



9AFFEF



F6E4FF



FFE1B5

# Complementary

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



9AFFEF



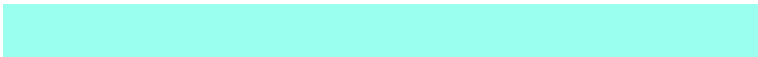
FF9AAA

# 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.



FFD8CC



9AFFEF



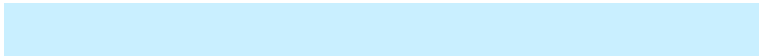
FFDAFF

# Square

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



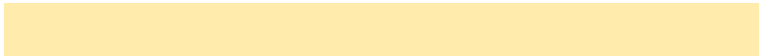
9AFFEF



C9EFFF



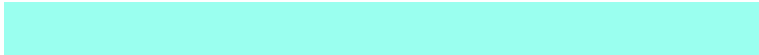
FFD6EB



FFECAD

# Rectangle

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



9AFFEF



97FAFF



FFD6EB

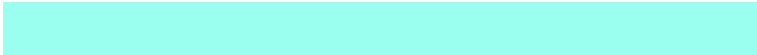


FFDEBB

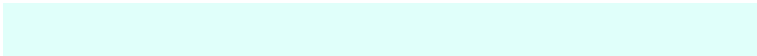


# Sweetspot

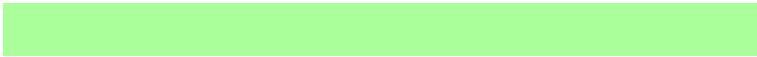
The Sweet Spot groups the original color and five complimentary colors.



9AFFEF



E0FFFA



ABFF9A



6E807D



000000



808080



# Same Dimension

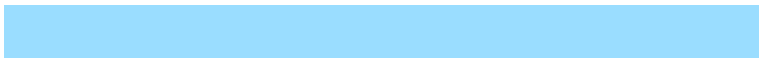
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9AFFEF



85FFEC



9ADDFE



73807D



00BFA1



004036



# Inverse Universe

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



FF9AAA



FF8598



FFBC9A



807375



BF001E

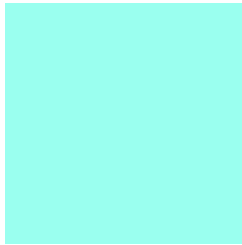


40000A



# Previews

## White Background



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

## Color Contrast Check

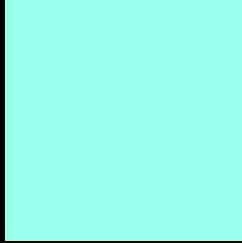
Large Text (above 18pt) WCAG AA × Fail

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 9AFFEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

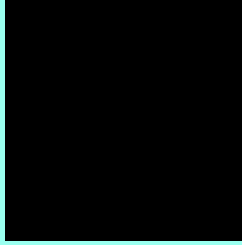
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AFFEF Background



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

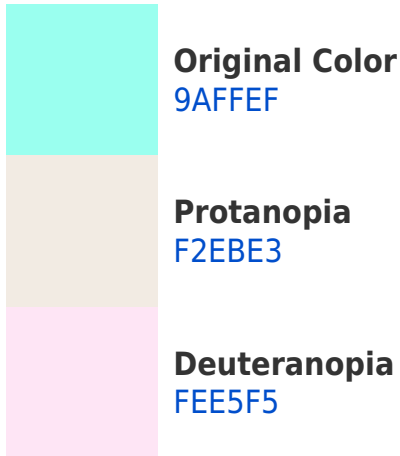


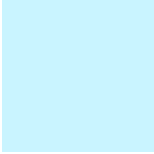
This preview shows how white text looks on a background with the Hex color 9AFFEF.

# 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



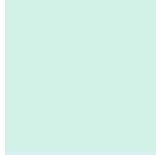


**Tritanopia**  
C9F4FF

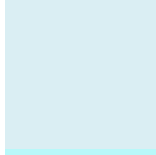
# Trichromacy



**Original Color**  
9AFFEF



**Protanomaly**  
D2F2E7



**Deuteranomaly**  
DAEEF3

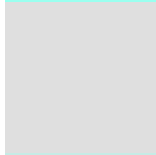


**Tritanomaly**  
B8F8F9

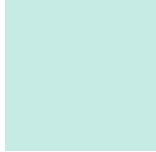
# Monochromacy



**Original Color**  
9AFFEF



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
C6EBE5

# CSS Examples

## Text

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

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

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 #9AFFEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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