

# Converting Colors

Hex(94FFA4)

Have a look what the booklet for  
Hex(94FFA4) contains.

<b>Hex(94FFA4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(94FFA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94FFA4
RGB	148, 255, 164
RGB Percent	58%, 100%, 64%
CMY	0.4196, 0.0000, 0.3569
CMYK	0.42, 0.00, 0.36, 0.00
HSL	129°, 100%, 79%
HSV	129°, 42%, 100%
XYZ	54.6736, 80.4962, 47.7777
YIQ	212.6330, -34.5610, -50.9850

# Conversions

## Conversions Part 2

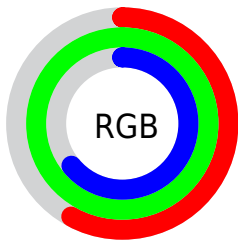
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 241, 255</a>
Decimal	<a href="#">9764772</a>
CIELab	<a href="#">91.91, -49.29, 34.07</a>
CIElCh	<a href="#">92, 59.914, 145.347</a>
Yxy	<a href="#">80.4962, 0.2988, 0.4400</a>
Android (android.graphics.Color)	<a href="#">4287954852 (0xFF94FFA4)</a>
YUV	<a href="#">212.6330, -23.9761, -56.6831</a>
Hunter-Lab	<a href="#">89.7197, -48.2347, 31.2306</a>

# Details

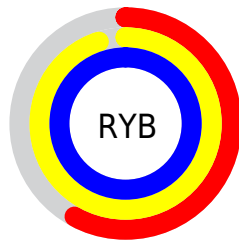
The Hex color **94FFA4** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF94EF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **CEFFDC**, and **5AC66F** is the 20% darker color. If you saturate the color by 10%, you get **7BFF8E**, and if you desaturate by 10%, it is **AEFFBA**.

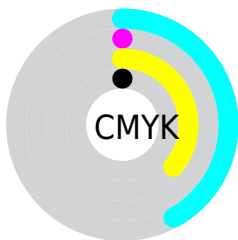
# Distribution



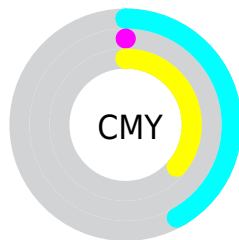
- Red (58%)
- Green (100%)
- Blue (64%)



- Red (58%)
- Yellow (95%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94FFA4 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 94FFA4 by changing the saturation by 10% instead.



 94FFA4

 94FFA4

FFFFFF

 77E289

 CEFFDC

 5AC66F

 ECFF8

 3CAA56

 168F3E

 007426

 005B0C

 004200

 002C00

 000D00

 94FFA4

 94FFA4

 7BFF8E

 AEFFBA

 61FF79

 C7FFCF

 48FF63

 E1FFE5

 2EFF4D

 FAFFFF

 15FF38

FFFFFF

 00FF26

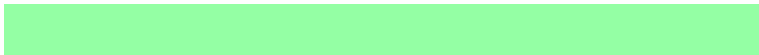
# Harmonies

## Analogous

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



DAF37C



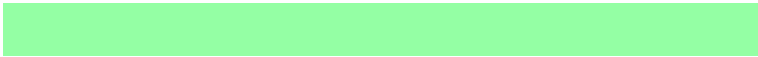
94FFA4



02FFDD

# Triad

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



94FFA4



6FF0FF



FFBCBA

# Complementary

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



94FFA4



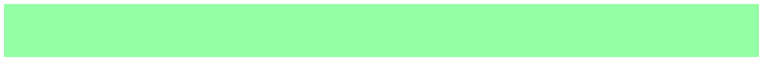
FF94EF

# 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.



FFB9F3



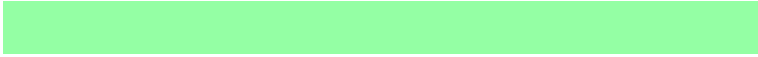
94FFA4



DFDCFF

# Square

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



94FFA4



00FEFF



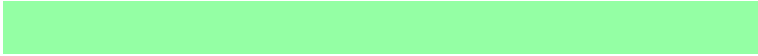
FFC6FF



FFCD8B

# Rectangle

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



94FFA4



00FFFF



FFC6FF

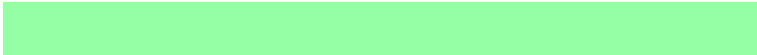


FFB9CC

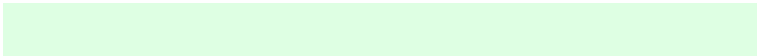


# Sweetspot

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



94FFA4



DEFFE3



F1FF94



6B806E



000000

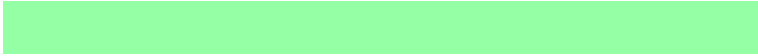


808080



# Same Dimension

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



94FFA4



80FF93



94FFD8



738075



00BF1D



00400A



# Inverse Universe

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



FF94EF



FF80EC



FF94BB



80737E



BF00A3

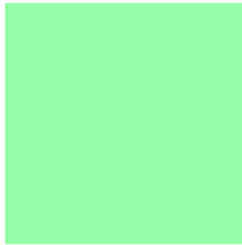


400036



# Previews

## White Background



This preview shows how the Hex color 94FFA4 looks on a white background.

## Color Contrast Check

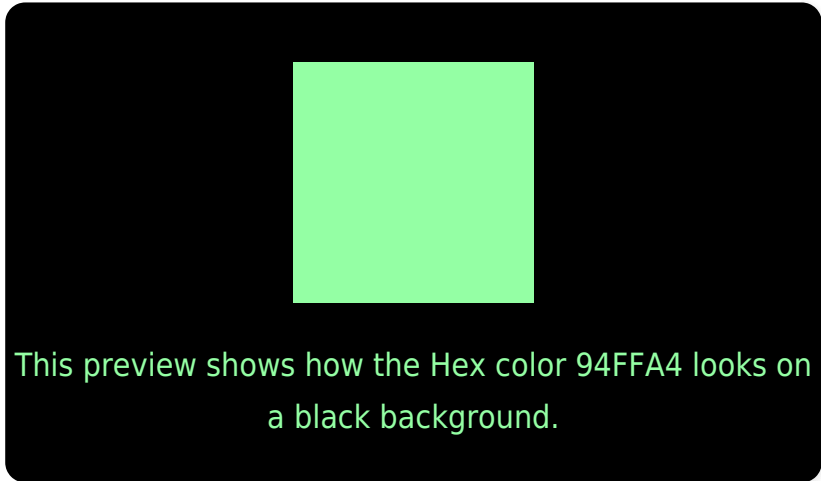
Large Text (above 18pt) WCAG AA × Fail

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

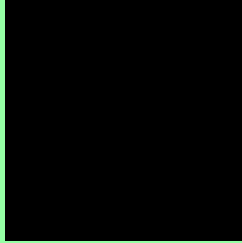
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94FFA4 Background



This preview shows how black text looks on a background with the Hex color 94FFA4.

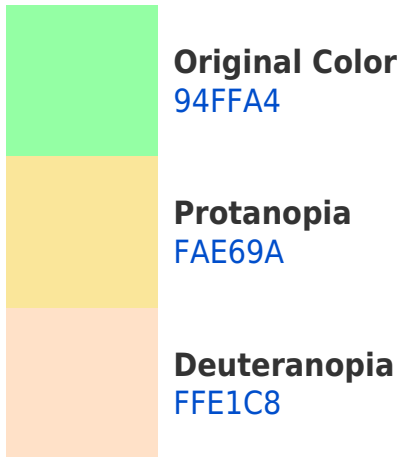


This preview shows how white text looks on a background with the Hex color 94FFA4.

# 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

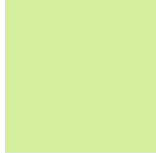




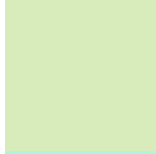
# Trichromacy



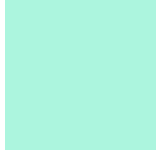
**Original Color**  
94FFA4



**Protanomaly**  
D5EF9E

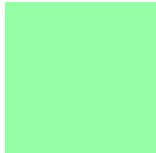


**Deuteranomaly**  
D8ECBB

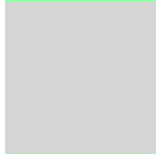


**Tritanomaly**  
ACF5DE

# Monochromacy



**Original Color**  
94FFA4



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
BDE4C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94FFA4 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 #94FFA4 looks like.

```
.text, #text, p{  
    color:#94FFA4  
}
```

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 #94FFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FFA4
}
```

## Border

The CSS property to change the border of an element to Hex 94FFA4 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
#94FFA4 }
```

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

```
.border{ border-color:#94FFA4 }
```

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

Here you see how a box with a 4 pixel #94FFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FFA4; -webkit-box-shadow:4px 4px  
4px 4px #94FFA4; box-shadow:4px 4px 4px  
4px #94FFA4 }
```

# Background

The CSS property to change the background color of an element to Hex 94FFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FFA4 }
```

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

```
.background{ background-color:#94FFA4 }
```

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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