

# Converting Colors

Hex(94FFC0)

Have a look what the booklet for  
Hex(94FFC0) contains.

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**Color**

**Hex(94FFC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94FFC0
RGB	148, 255, 192
RGB Percent	58%, 100%, 75%
CMY	0.4196, 0.0000, 0.2471
CMYK	0.42, 0.00, 0.25, 0.00
HSL	145°, 100%, 79%
HSV	145°, 42%, 100%
XYZ	57.4872, 81.6217, 62.5938
YIQ	215.8250, -43.5490, -42.2770

# Conversions

## Conversions Part 2

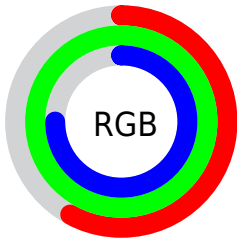
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 224, 255
Decimal	9764800
CIELab	92.41, -44.43, 20.61
CIELCh	92, 48.978, 155.113
Yxy	81.6217, 0.2850, 0.4047
Android (android.graphics.Color)	4287954880 (0xFF94FFC0)
YUV	215.8250, -11.7457, -59.4825
Hunter-Lab	90.3447, -44.5221, 22.1632

# Details

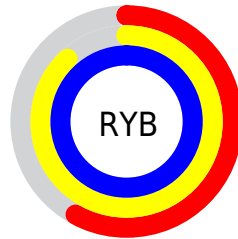
The Hex color **94FFC0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF94D3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **CEFFF9**, and **5BC68A** is the 20% darker color. If you saturate the color by 10%, you get **7BFFB1**, and if you desaturate by 10%, it is **AEFFCF**.

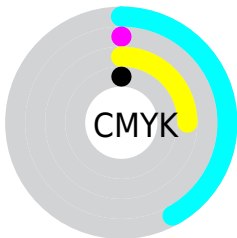
# Distribution



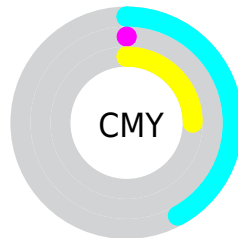
- Red (58%)
- Green (100%)
- Blue (75%)



- Red (58%)
- Yellow (88%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94FFC0 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 94FFC0 by changing the saturation by 10% instead.



 94FFC0

 94FFC0

FFFFFF

 77E2A5

 CEFFF9

 5BC68A

 EBFFFF

 3DAA71

 188F58

 007540


 005B2A

 004314

 002C00

 001000

 94FFC0

 94FFC0

 7BFFB1

 AEFFCF

 61FFA2

 C7FFDE

 48FF93

 E1FFED

 2EFF84

 FAFFFC

 15FF75

FFFFFF

 00FF69

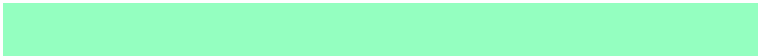
# Harmonies

## Analogous

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



CEF69A



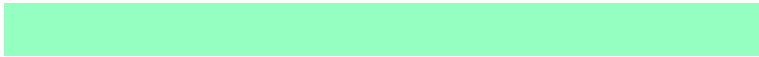
94FFC0



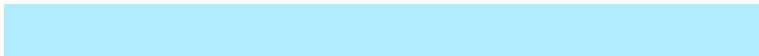
4EFFF0

# Triad

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



94FFC0



B1EBFF



FFCAB5

# Complementary

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



94FFC0



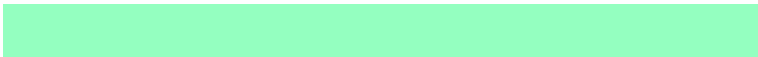
FF94D3

# 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.



FFC4E3



94FFC0



F9DAFF

# Square

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



94FFC0



59F9FF



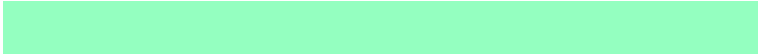
FFCBFF



FFD995

# Rectangle

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



94FFC0



04FFFF



FFCBFF

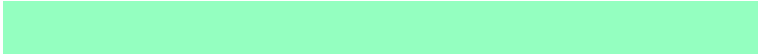


FFC7C4

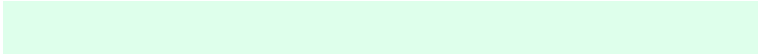


# Sweetspot

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



94FFC0



DEFFEB



D4FF94



6B8073



000000

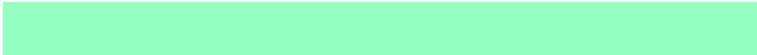


808080

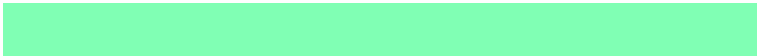


# Same Dimension

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



94FFC0



80FFB4



94FFF4



738078



00BF4F



00401A



# Inverse Universe

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



FF94D3



FF80CB



FF949F



80737A



BF0071

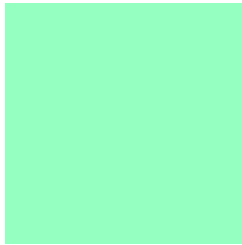


400026



# Previews

## White Background



This preview shows how the Hex color 94FFC0 looks on a white background.

## Color Contrast Check

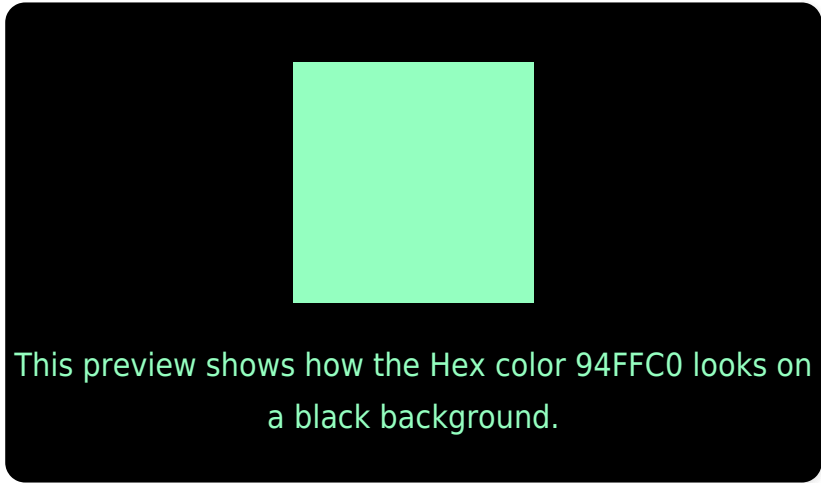
Large Text (above 18pt) WCAG AA × Fail

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

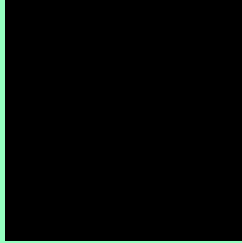
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94FFC0 Background



This preview shows how black text looks on a background with the Hex color 94FFC0.

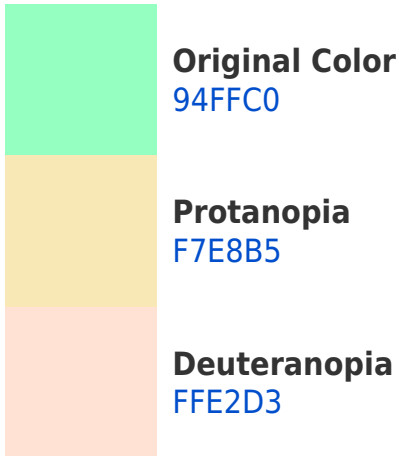


This preview shows how white text looks on a background with the Hex color 94FFC0.

# 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



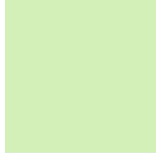


**Tritanopia**  
BEF1FF

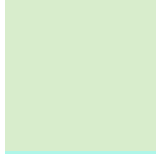
# Trichromacy



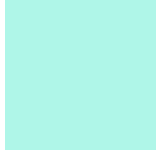
**Original Color**  
94FFC0



**Protanomaly**  
D3F0B9

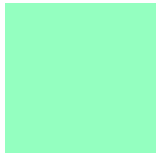


**Deuteranomaly**  
D8EDCC

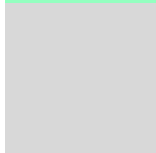


**Tritanomaly**  
AFF6E8

# Monochromacy



**Original Color**  
94FFC0



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
BFE6CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94FFC0 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 #94FFC0 looks like.

```
.text, #text, p{  
    color:#94FFC0  
}
```

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 #94FFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FFC0
}
```

## Border

The CSS property to change the border of an element to Hex 94FFC0 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
#94FFC0 }
```

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

```
.border{ border-color:#94FFC0 }
```

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

Here you see how a box with a 4 pixel #94FFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FFC0; -webkit-box-shadow:4px 4px  
4px 4px #94FFC0; box-shadow:4px 4px 4px  
4px #94FFC0 }
```

# Background

The CSS property to change the background color of an element to Hex 94FFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FFC0 }
```

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

```
.background{ background-color:#94FFC0 }
```

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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