

Converting Colors

Hex(94FE80)

Have a look what the booklet for
Hex(94FE80) contains.

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Color

Hex(94FE80)

Conversions

Conversions Part 1

Format	Color
Hex	94FE80
RGB	148, 254, 128
RGB Percent	58%, 100%, 50%
CMY	0.4196, 0.0039, 0.4980
CMYK	0.42, 0.00, 0.50, 0.00
HSL	110°, 98%, 75%
HSV	110°, 50%, 100%
XYZ	51.5508, 78.7380, 32.9030
YIQ	207.9420, -22.7300, -61.6580

Conversions

Conversions Part 2

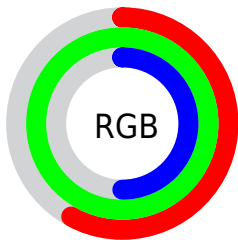
Format	Color
RYB	128, 254, 234
Decimal	9764480
CIELab	91.12, -53.95, 50.47
CIELCh	91, 73.876, 136.907
Yxy	78.7380, 0.3159, 0.4825
Android (android.graphics.Color)	4287954560 (0xFF94FE80)
YUV	207.9420, -39.4114, -52.5691
Hunter-Lab	88.7345, -51.5846, 40.1292

Details

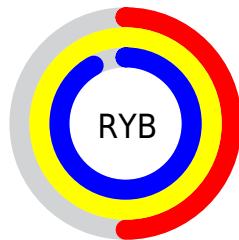
The Hex color **94FE80** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA80FE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CFFFB7**, and **59C54B** is the 20% darker color. If you saturate the color by 10%, you get **7FFE67**, and if you desaturate by 10%, it is **A9FE99**.

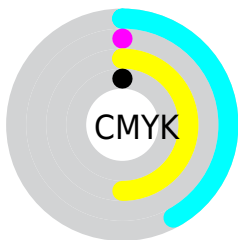
Distribution



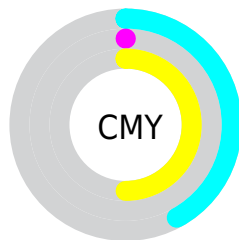
- Red (58%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (92%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94FE80 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 94FE80 by changing the saturation by 10% instead.

 94FE80

 94FE80

FFFFFF

 77E165

 CFFFB7

 59C54B

 ECFFD3

 3AA930

 FFFFF0

 0F8E12

 007300


 005A00

 004100

 002B00

 000800

 94FE80

 94FE80

 7FFE67

 A9FE99

 69FE4D

 BFFE83

 54FE34

 D4FECC

 3FFE1A

 E9FEE6

 29FE01

FFFEFF

 28FE00

Harmonies

Analogous

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



E6EE54



94FE80



00FFC3

Triad

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



94FE80



00F6FF



FFA8C0

Complementary

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



94FE80



EA80FE

Split Complementary

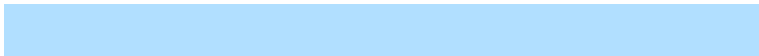
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAFF



94FE80



B1DFFF

Square

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



94FE80



00FFFF



FFC2FF



FFBB81

Rectangle

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



94FE80



00FFF4



FFC2FF



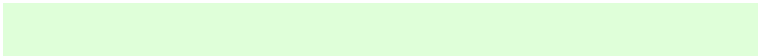
FFA6D8

Sweetspot

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



94FE80



DFFFD9



FEE980



6C8069



000000



808080

Same Dimension

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



94FE80



7EFF66



80FEAA



758073



1EBF00



0A4000

Inverse Universe

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



EA80FE



E766FF



FE80D4



7D7380



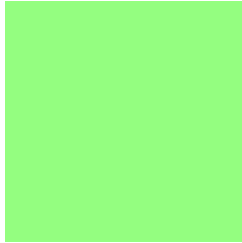
A100BF



360040

Previews

White Background



This preview shows how the Hex color 94FE80 looks on a white background.

Color Contrast Check

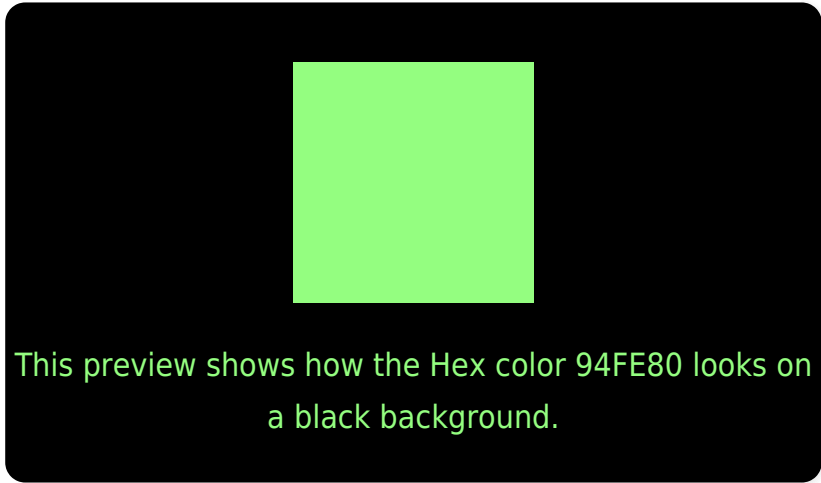
Large Text (above 18pt) WCAG AA × Fail

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

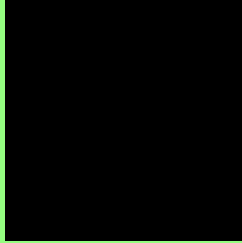
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

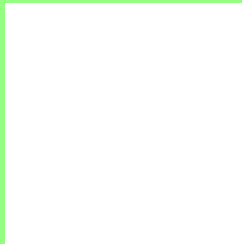
Any Text WCAG AAA ✓ Pass

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

Hex 94FE80 Background



This preview shows how black text looks on a background with the Hex color 94FE80.

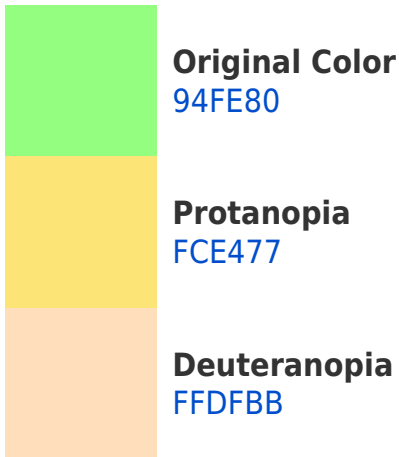


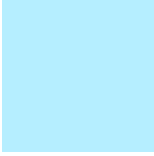
This preview shows how white text looks on a background with the Hex color 94FE80.

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



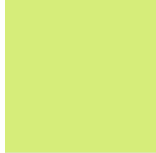


Tritanopia
B5EEFF

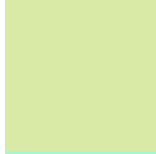
Trichromacy



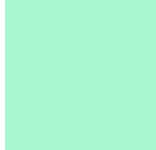
Original Color
94FE80



Protanomaly
D6ED7A

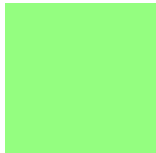


Deuteranomaly
D8EAA6

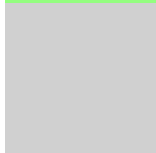


Tritanomaly
A9F4D1

Monochromacy



Original Color
94FE80



Achromatopsia
D0D0D0



Achromatomaly
BAE1B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 94FE80 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 #94FE80 looks like.

```
.text, #text, p{  
    color:#94FE80  
}
```

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 #94FE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FE80
}
```

Border

The CSS property to change the border of an element to Hex 94FE80 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
#94FE80 }
```

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

```
.border{ border-color:#94FE80 }
```

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

Here you see how a box with a 4 pixel #94FE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FE80; -webkit-box-shadow:4px 4px  
4px 4px #94FE80; box-shadow:4px 4px 4px  
4px #94FE80 }
```

Background

The CSS property to change the background color of an element to Hex 94FE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FE80 }
```

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

```
.background{ background-color:#94FE80 }
```

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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