

Converting Colors

Hex(9EFFB7)

Have a look what the booklet for
Hex(9EFFB7) contains.

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Color

Hex(9EFFB7)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFB7
RGB	158, 255, 183
RGB Percent	62%, 100%, 72%
CMY	0.3804, 0.0000, 0.2824
CMYK	0.38, 0.00, 0.28, 0.00
HSL	135°, 100%, 81%
HSV	135°, 38%, 100%
XYZ	58.4078, 82.2080, 57.5891
YIQ	217.7890, -34.7000, -42.9560

Conversions

Conversions Part 2

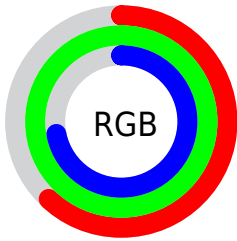
Format	Color
RYB	158, 235, 255
Decimal	10420151
CIELab	92.67, -43.30, 25.61
CIElCh	93, 50.309, 149.394
Yxy	82.2080, 0.2947, 0.4148
Android (android.graphics.Color)	4288610231 (0xFF9EFFB7)
YUV	217.7890, -17.1510, -52.4350
Hunter-Lab	90.6686, -43.6822, 25.8094

Details

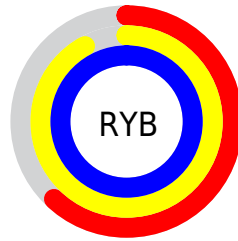
The Hex color **9EFFB7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9EE6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D8FFEF**, and **66C682** is the 20% darker color. If you saturate the color by 10%, you get **84FFA4**, and if you desaturate by 10%, it is **B8FFCA**.

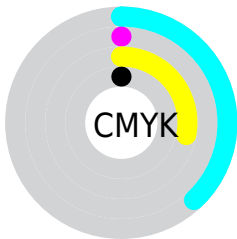
Distribution



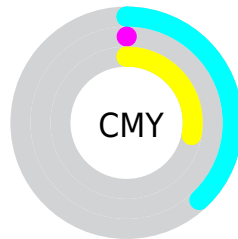
- Red (62%)
- Green (100%)
- Blue (72%)



- Red (62%)
- Yellow (92%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFFB7 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 9EFFB7 by changing the saturation by 10% instead.

 9EFFB7

FFFFFF

 D8FFE7

 F5FFFF

 9EFFB7

 82E29C

 66C682

 4AAA68

 2B8F50

 007538

 005B21

 00430B

 002C00

 001100

 9EFFB7

 9EFFB7

 84FFA4

 B8FFCA

 6BFF91

 D1FFDD

 52FF7E

 EBFFF0

 38FF6B

FFFFFF

 1FFF58

 05FF45

 00FF42

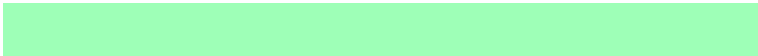
Harmonies

Analogous

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



D8F594



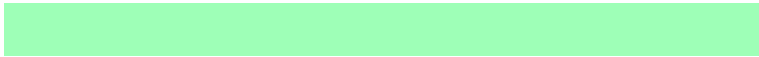
9EFFB7



57FFE7

Triad

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



9EFFB7



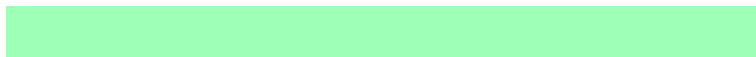
9FEFFF



FFC8BD

Complementary

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



9EFFB7



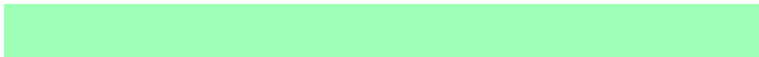
FF9EE6

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.



FFC4ED



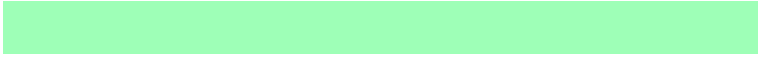
9EFFB7



EEDEFF

Square

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



9EFFB7



3AFCFF



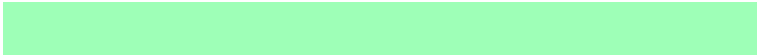
FFCDFF



FFD698

Rectangle

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



9EFFB7



00FFFF



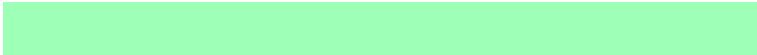
FFCDDF



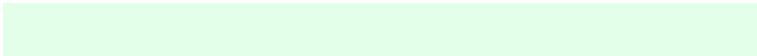
FFC5CC

Sweetspot

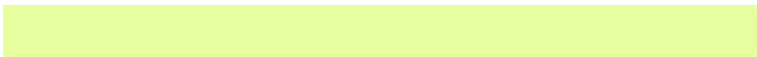
The Sweet Spot groups the original color and five complimentary colors.



9EFFB7



E3FFEA



E7FF9E



6F8073



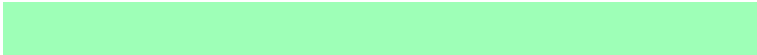
000000



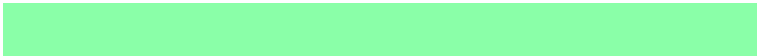
808080

Same Dimension

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



9EFFB7



8AFFA8



9EFFE7



738076



00BF31



004010

Inverse Universe

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



FF9EE6



FF8AE1



FF9EB6



80737C



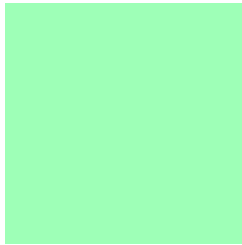
BF008E



40002F

Previews

White Background



This preview shows how the Hex color 9EFFB7 looks on a white background.

Color Contrast Check

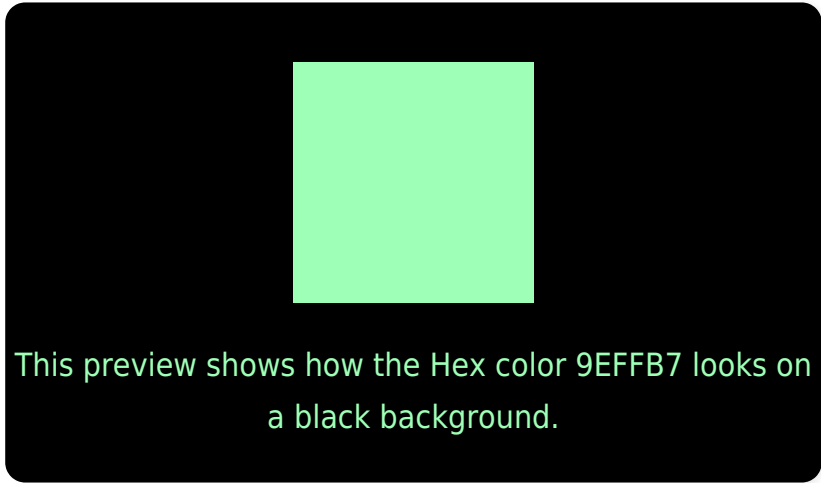
Large Text (above 18pt) WCAG AA × Fail

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

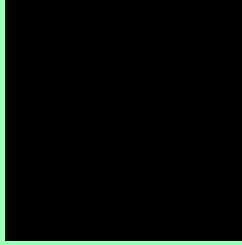
Any Text WCAG AA ✓ Pass

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 9EFFB7 Background



This preview shows how black text looks on a background with the Hex color 9EFFB7.

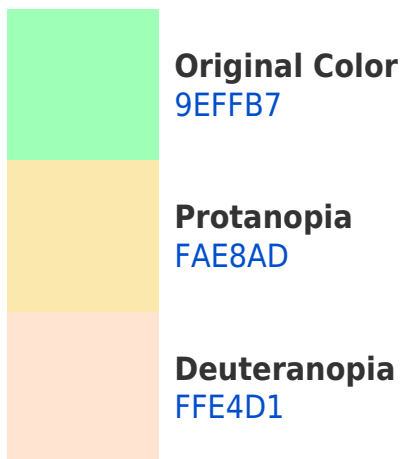


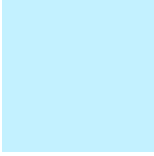
This preview shows how white text looks on a background with the Hex color 9EFFB7.

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



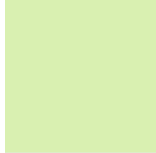


Tritanopia
C3F1FF

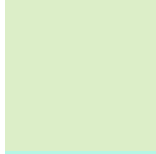
Trichromacy



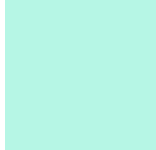
Original Color
9EFFB7



Protanomaly
D9F0B1

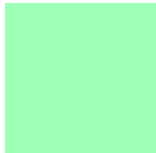


Deuteranomaly
DCEEC8

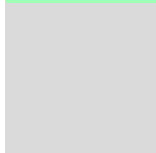


Tritanomaly
B6F6E5

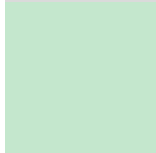
Monochromacy



Original Color
9EFFB7



Achromatopsia
DADADA



Achromatomaly
C4E7CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFFB7 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 #9EFFB7 looks like.

```
.text, #text, p{  
    color:#9EFFB7  
}
```

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 #9EFFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFFB7
}
```

Border

The CSS property to change the border of an element to Hex 9EFFB7 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
#9EFFB7 }
```

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

```
.border{ border-color:#9EFFB7 }
```

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

Here you see how a box with a 4 pixel #9EFFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFFB7; -webkit-box-shadow:4px 4px  
4px 4px #9EFFB7; box-shadow:4px 4px 4px  
4px #9EFFB7 }
```

Background

The CSS property to change the background color of an element to Hex 9EFFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFFB7 }
```

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

```
.background{ background-color:#9EFFB7 }
```

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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