

Converting Colors

Hex(9EFFE3)

Have a look what the booklet for
Hex(9EFFE3) contains.

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Color

Hex(9EFFE3)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFE3
RGB	158, 255, 227
RGB Percent	62%, 100%, 89%
CMY	0.3804, 0.0000, 0.1098
CMYK	0.38, 0.00, 0.11, 0.00
HSL	163°, 100%, 81%
HSV	163°, 38%, 100%
XYZ	63.7257, 84.3352, 85.5927
YIQ	222.8050, -48.8240, -29.2720

Conversions

Conversions Part 2

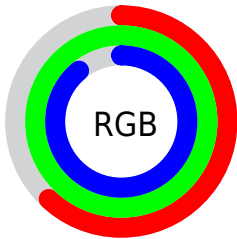
Format	Color
RYB	158, 215, 255
Decimal	10420195
CIELab	93.60, -34.78, 4.38
CIELCh	94, 35.052, 172.827
Yxy	84.3352, 0.2727, 0.3609
Android (android.graphics.Color)	4288610275 (0xFF9EFFE3)
YUV	222.8050, 2.0681, -56.8340
Hunter-Lab	91.8342, -36.8449, 9.0236

Details

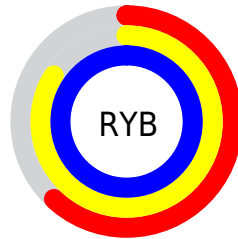
The Hex color **9EFFE3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9EBA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D8FFFF**, and **66C6AC** is the 20% darker color. If you saturate the color by 10%, you get **84FFDC**, and if you desaturate by 10%, it is **B8FFEA**.

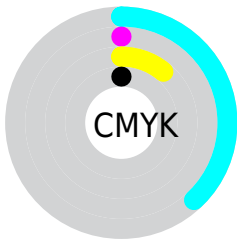
Distribution



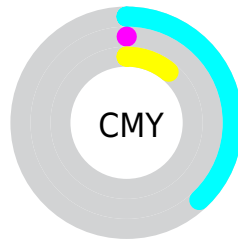
- Red (62%)
- Green (100%)
- Blue (89%)



- Red (62%)
- Yellow (84%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFFE3 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 9EFFE3 by changing the saturation by 10% instead.

 9EFFE3

FFFFFF

 D8FFFF

 F5FFFF

 9EFFE3

 82E2C7

 66C6AC

 49AA91

 2A8F78

 00755F

 005C47

 004431

 002D1C

 001502

 9EFFE3

 9EFFE3

 84FFDC

 B8FFEA

 6BFFD4

 D1FFF2

 52FFCD

 EBFFF9

 38FFC6

FFFFFF

 1FFFBE

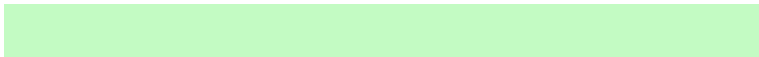
 05FFB7

 00FFB5

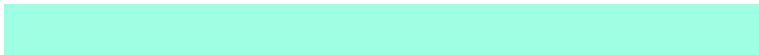
Harmonies

Analogous

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



C3FBC3



9EFFE3



86FFFF

Triad

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



9EFFE3



E7E7FF



FFDDB8

Complementary

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



9EFFE3



FF9EBA

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.



FFD5D4



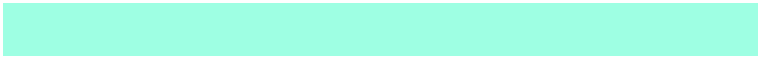
9EFFE3



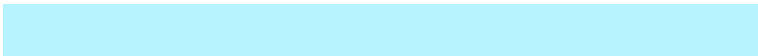
FFDBFF

Square

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



9EFFE3



B6F2FF



FFD4F6



FFE8AA

Rectangle

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



9EFFE3



88FDFF



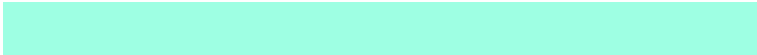
FFD4F6



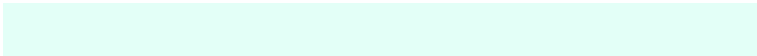
FFD9C0

Sweetspot

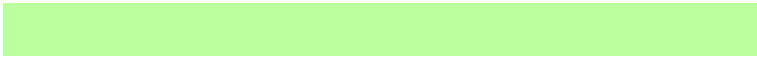
The Sweet Spot groups the original color and five complimentary colors.



9EFFE3



E3FFF7



BBFF9E



6F807B



000000



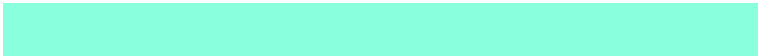
808080

Same Dimension

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



9EFFE3



8AFFDD



9EECFE



73807C



00BF88



00402D

Inverse Universe

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



FF9EBA



FF8AAC



FFB19E



807376



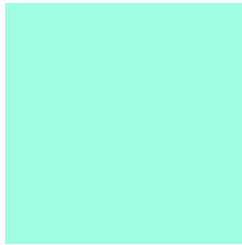
BF0037



400012

Previews

White Background



This preview shows how the Hex color 9EFFE3 looks on a white background.

Color Contrast Check

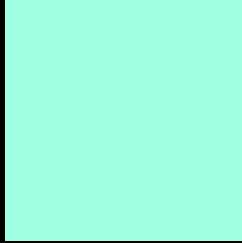
Large Text (above 18pt) WCAG AA × Fail

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 9EFFE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

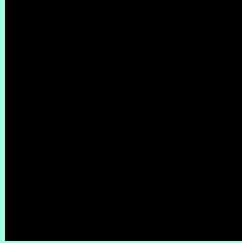
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

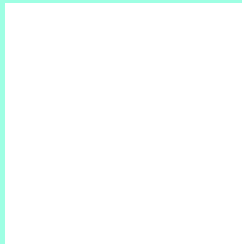
Any Text WCAG AAA ✓ Pass

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

Hex 9EFFE3 Background



This preview shows how black text looks on a background with the Hex color 9EFFE3.

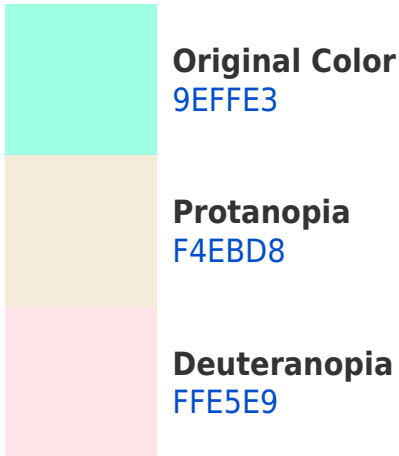


This preview shows how white text looks on a background with the Hex color 9EFFE3.

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



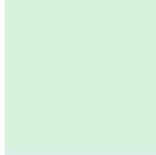


Tritanopia
C9F3FF

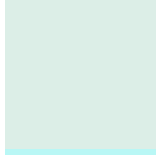
Trichromacy



Original Color
9EFFE3



Protanomaly
D5F2DC



Deuteranomaly
DCEEE7

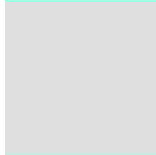


Tritanomaly
B9F7F5

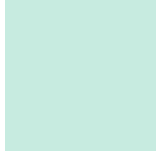
Monochromacy



Original Color
9EFFE3



Achromatopsia
DFDFDF



Achromatomaly
C7EBE0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFFE3 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 #9EFFE3 looks like.

```
.text, #text, p{  
    color:#9EFFE3  
}
```

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 #9EFFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFFE3  
}
```

Border

The CSS property to change the border of an element to Hex 9EFFE3 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  
#9EFFE3 }
```

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

```
.border{ border-color:#9EF FE3 }
```

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

Here you see how a box with a 4 pixel #9EF FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF FE3; -webkit-box-shadow:4px 4px  
4px 4px #9EF FE3; box-shadow:4px 4px 4px  
4px #9EF FE3 }
```

Background

The CSS property to change the background color of an element to Hex 9EFFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFFE3 }
```

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

```
.background{ background-color:#9EFFE3 }
```

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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