

Converting Colors

Hex(9EFFDB)

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

Hex(9EFFDB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EFFDB)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFDB
RGB	158, 255, 219
RGB Percent	62%, 100%, 86%
CMY	0.3804, 0.0000, 0.1412
CMYK	0.38, 0.00, 0.14, 0.00
HSL	158°, 100%, 81%
HSV	158°, 38%, 100%
XYZ	62.6467, 83.9036, 79.9110
YIQ	221.8930, -46.2560, -31.7600

Conversions

Conversions Part 2

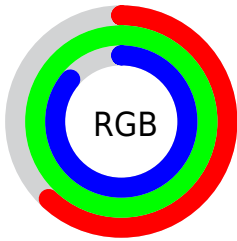
Format	Color
RYB	158, 218, 255
Decimal	10420187
CIELab	93.41, -36.45, 8.23
CIELCh	93, 37.372, 167.275
Yxy	83.9036, 0.2766, 0.3705
Android (android.graphics.Color)	4288610267 (0xFF9EFFDB)
YUV	221.8930, -1.4262, -56.0342
Hunter-Lab	91.5989, -38.2175, 12.3945

Details

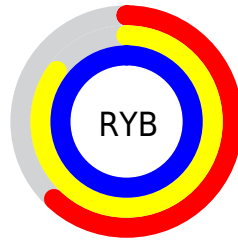
The Hex color **9EFFDB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9EC2**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **D8FFFF**, and **66C6A4** is the 20% darker color. If you saturate the color by 10%, you get **84FFD2**, and if you desaturate by 10%, it is **B8FFE4**.

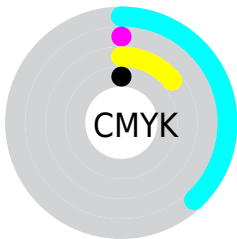
Distribution



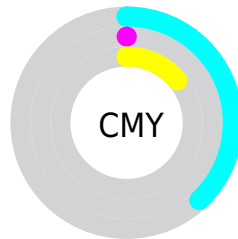
- Red (62%)
- Green (100%)
- Blue (86%)



- Red (62%)
- Yellow (85%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 9EFFDB

FFFFFF

 D8FFFF

 F5FFFF

 9EFFDB

 82E2BF

 66C6A4

 49AA8A

 2A8F70

 007558

 005C41

 00442A

 002D16

 001400

 9EFFDB

 9EFFDB

 84FFD2

 B8FFE4

 6BFFC8

 D1FFEE

 52FFBF

 EBFFF7

 38FFB5

FFFFFF

 1FFFAC

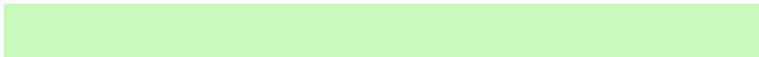
 05FFA2

 00FFA0

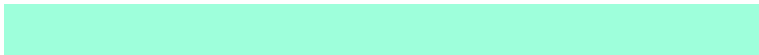
Harmonies

Analogous

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



C7FABA



9EFFDB



7EFFFF

Triad

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



9EFFDB



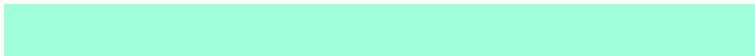
DCE8FF



FFD9B9

Complementary

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



9EFFDB



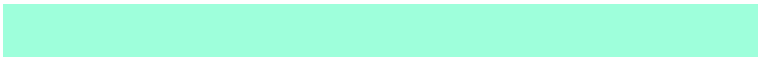
FF9EC2

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.



FFD2D8



9EFFDB



FFDCFF

Square

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



9EFFDB



A7F4FF



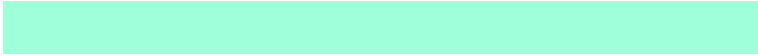
FFD3FD



FFE5A6

Rectangle

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



9EFFDB



7AFEFF



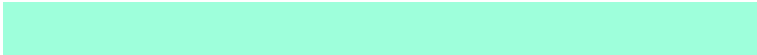
FFD3FD



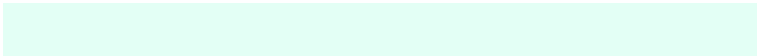
FFD6C2

Sweetspot

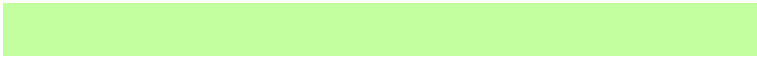
The Sweet Spot groups the original color and five complimentary colors.



9EFFDB



E3FFF5



C3FF9E



6F8079



000000



808080

Same Dimension

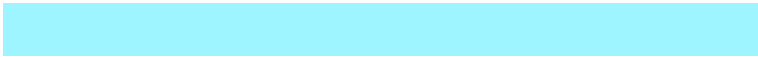
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EFFDB



8AFFD3



9EF4FF



73807B



00BF78



004028

Inverse Universe

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



FF9EC2



FF8AB5



FFA99E



807377



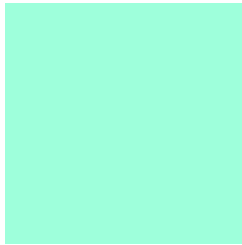
BF0047



400018

Previews

White Background



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

Color Contrast Check

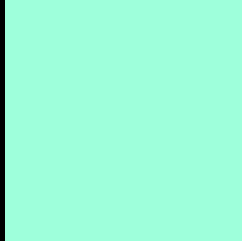
Large Text (above 18pt) WCAG AA × Fail

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 9EFFDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

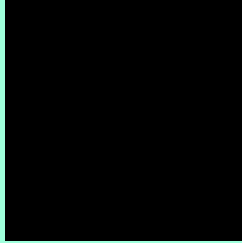
Any Text WCAG AA ✓ Pass

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 9EFFDB Background



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

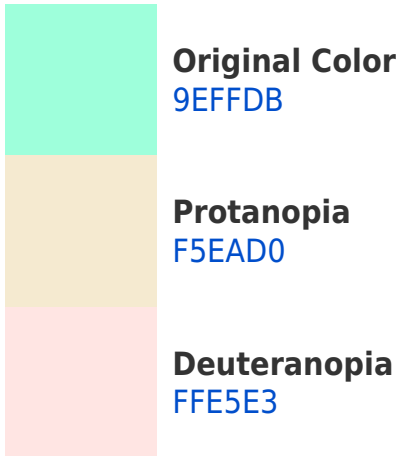


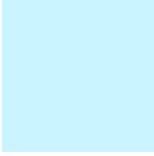
This preview shows how white text looks on a background with the Hex color 9EFFDB.

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](#).

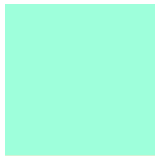
Dichromacy





Tritanopia
C8F3FF

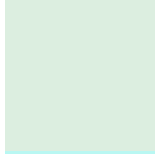
Trichromacy



Original Color
9EFFDB



Protanomaly
D5F2D4



Deuteranomaly
DCEEE0

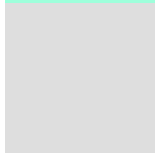


Tritanomaly
B9F7F2

Monochromacy



Original Color
9EFFDB



Achromatopsia
DEDEDE



Achromatomaly
C7EADD

CSS Examples

Text

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

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

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 #9EFFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor