

# Converting Colors

Hex(9EFFD7)

Have a look what the booklet for  
Hex(9EFFD7) contains.

<b>Hex(9EFFD7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9EFFD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EFFD7
RGB	158, 255, 215
RGB Percent	62%, 100%, 84%
CMY	0.3804, 0.0000, 0.1569
CMYK	0.38, 0.00, 0.16, 0.00
HSL	155°, 100%, 81%
HSV	155°, 38%, 100%
XYZ	62.1263, 83.6954, 77.1704
YIQ	221.4370, -44.9720, -33.0040

# Conversions

## Conversions Part 2

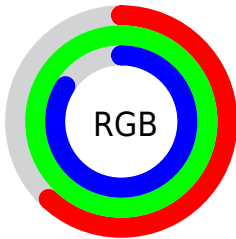
Format	Color
<a href="#">RYB</a>	<a href="#">158, 219, 255</a>
Decimal	<a href="#">10420183</a>
CIELab	<a href="#">93.32, -37.27, 10.16</a>
CIElCh	<a href="#">93, 38.633, 164.749</a>
Yxy	<a href="#">83.6954, 0.2786, 0.3753</a>
Android (android.graphics.Color)	<a href="#">4288610263 (0xFF9EFD7)</a>
YUV	<a href="#">221.4370, -3.1734, -55.6342</a>
Hunter-Lab	<a href="#">91.4852, -38.8823, 14.0268</a>

# Details

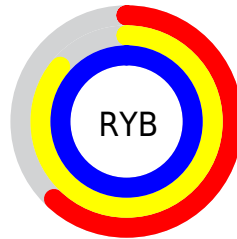
The Hex color **9EFFD7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9EC6**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **D8FFFF**, and **66C6A0** is the 20% darker color. If you saturate the color by 10%, you get **84FFCC**, and if you desaturate by 10%, it is **B8FFE2**.

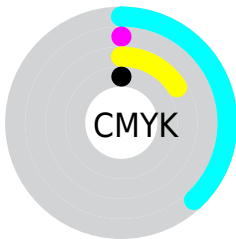
# Distribution



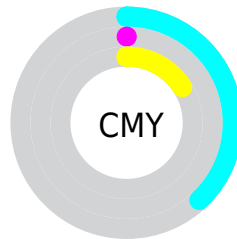
- Red (62%)
- Green (100%)
- Blue (84%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EFFD7 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 9EFFD7 by changing the saturation by 10% instead.



 9EFFD7

FFFFFF

 D8FFFF

 F5FFFF

 9EFFD7

 82E2BB

 66C6A0

 49AA86

 2B8F6D

 007554

 005C3D

 004427

 002D13

 001400

 9EFFD7

 9EFFD7

 84FFCC

 B8FFE2

 6BFFC2

 D1FFEC

 52FFB7

 EBFFF7

 38FFAD

FFFFFF

 1FFFA2

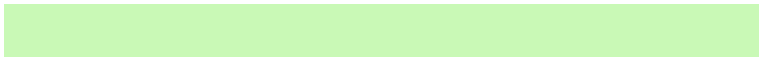
 05FF98

 00FF96

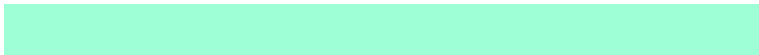
# Harmonies

## Analogous

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



C9F9B6



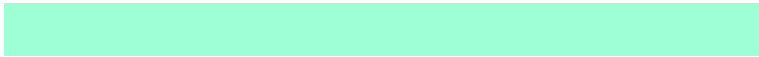
9EFFD7



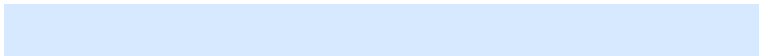
7AFFFD

# Triad

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



9EFFD7



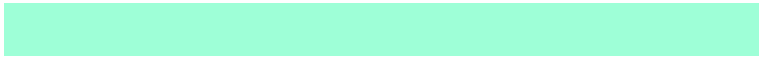
D6E9FF



FFD7B9

# Complementary

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



9EFD7



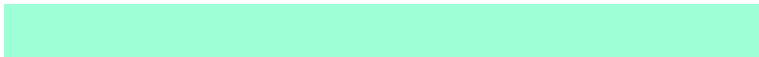
FF9EC6

# 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.



FFD0DB



9EFFD7



FFDCFF

# Square

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



9EFFD7



9FF5FF



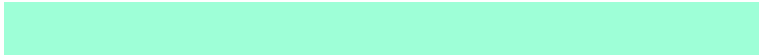
FFD2FF



FFE3A5

# Rectangle

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



9EFFD7



73FFFF



FFD2FF

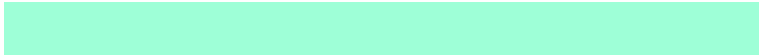


FFD4C3

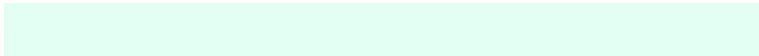


# Sweetspot

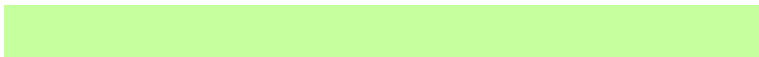
The Sweet Spot groups the original color and five complimentary colors.



9EFFD7



E3FFF3



C6FF9E



6F8079



000000

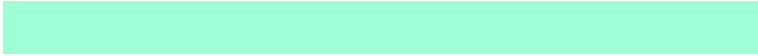


808080



# Same Dimension

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



9EFFD7



8AFFCF



9EF7FF



73807A



00BF70



004025



# Inverse Universe

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



FF9EC6



FF8ABA



FFA69E



807378



BF004F

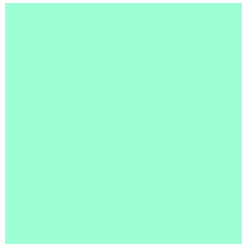


40001A



# Previews

## White Background



This preview shows how the Hex color 9EFFD7 looks on a white background.

## Color Contrast Check

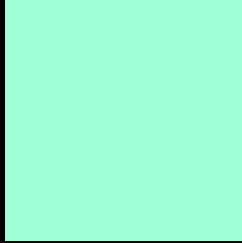
Large Text (above 18pt) WCAG AA × Fail

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 9EFFF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

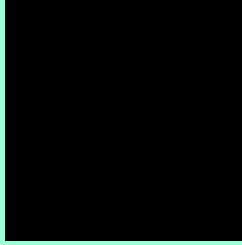
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

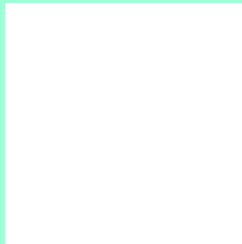
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EFD7 Background



This preview shows how black text looks on a background with the Hex color 9EFD7.

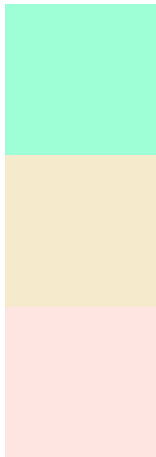


This preview shows how white text looks on a background with the Hex color 9EFD7.

# 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



**Original Color**  
9EFFD7

**Protanopia**  
F6EACC

**Deuteranopia**  
FFE5E1

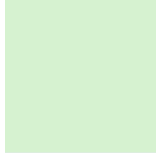


**Tritanopia**  
C7F3FF

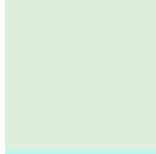
# Trichromacy



**Original Color**  
9EFFD7



**Protanomaly**  
D6F2D0

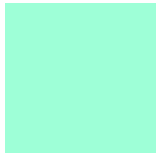


**Deuteranomaly**  
DCEEDD

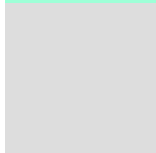


**Tritanomaly**  
B8F7F0

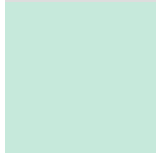
# Monochromacy



**Original Color**  
9EFFD7



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
C6E9DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EFFD7 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 #9EFFD7 looks like.

```
.text, #text, p{  
    color:#9EFFD7  
}
```

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 #9EFFF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFFF7
}
```

## Border

The CSS property to change the border of an element to Hex 9EFFF7 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
#9EFFF7 }
```

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

```
.border{ border-color:#9EFFD7 }
```

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

Here you see how a box with a 4 pixel #9EFFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFFD7; -webkit-box-shadow:4px 4px  
4px 4px #9EFFD7; box-shadow:4px 4px 4px  
4px #9EFFD7 }
```

# Background

The CSS property to change the background color of an element to Hex 9EFFF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFFF7 }
```

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

```
.background{ background-color:#9EFFF7 }
```

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