

# Converting Colors

Hex(9EF99E)

Have a look what the booklet for  
Hex(9EF99E) contains.

|  |    |
|--|----|
| <b>Hex(9EF99E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(9EF99E)**

# Conversions

| Conversions Part 1 |                              |
|--------------------|------------------------------|
| Format             | Color                        |
| Hex                | 9EF99E                       |
| RGB                | 158, 249, 158                |
| RGB Percent        | 62%, 98%, 62%                |
| CMY                | 0.3804, 0.0235, 0.3804       |
| CMYK               | 0.37, 0.00, 0.37, 0.02       |
| HSL                | 120°, 88%, 80%               |
| HSV                | 120°, 37%, 98%               |
| XYZ                | 54.1478, 77.4891, 44.4508    |
| YIQ                | 211.4170, -25.0250, -47.5930 |

# Conversions

## Conversions Part 2

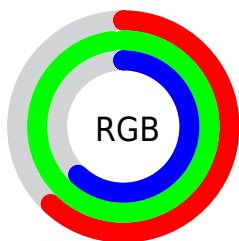
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">158, 249, 249</a>                              |
| Decimal                             | <a href="#">10418590</a>                                   |
| CIELab                              | <a href="#">90.55, -44.76, 35.33</a>                       |
| CIELCh                              | <a href="#">91, 57.024, 141.711</a>                        |
| Yxy                                 | <a href="#">77.4891, 0.3075, 0.4401</a>                    |
| Android<br>(android.graphics.Color) | <a href="#">4288608670</a><br><a href="#">(0xFF9EF99E)</a> |
| YUV                                 | <a href="#">211.4170, -26.3346, -46.8467</a>               |
| Hunter-Lab                          | <a href="#">88.0279, -44.2497, 31.6803</a>                 |

# Details

The Hex color **9EF99E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F99EF9**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D7FFD5**, and **66C06A** is the 20% darker color. If you saturate the color by 10%, you get **85F985**, and if you desaturate by 10%, it is **B7F9B7**.

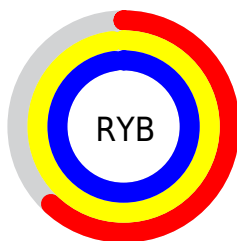
# Distribution



Red (62%)

Green (98%)

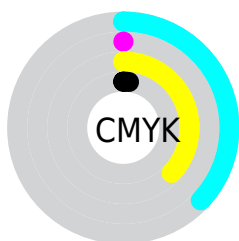
Blue (62%)



Red (62%)

Yellow (98%)

Blue (98%)

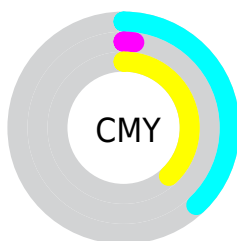


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (2%)



Cyan (38%)

Magenta (2%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EF99E 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 9EF99E by changing the saturation by 10% instead.



 9EF99E

FFFFFF

 D7FFD5

 F5FFF2

 9EF99E

 82DC83

 66C06A

 4AA450

 2C8A38

 007020

 005605

 003E00

 002900

 000400

 9EF99E

 9EF99E

 85F985

 B7F9B7

 6CF96C

 D0F9D0

 53F953

 E9F9E9

 3AF93A

 FFF9FF

 22F922

 09F909

 00F900

# Harmonies

## Analogous

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



DEED7B



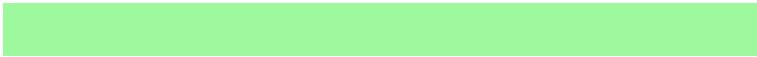
9EF99E



41FFD2

# Triad

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



9EF99E



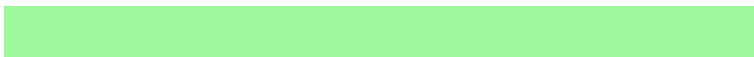
65EEFF



FFB9BE

# Complementary

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



9EF99E



F99EF9

# 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.



FFB9F5



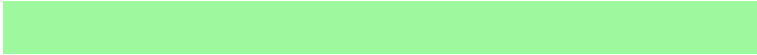
9EF99E



D1DBFF

# Square

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



9EF99E



00FAFF



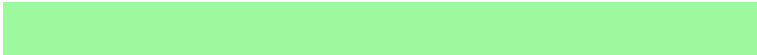
FFC7FF



FFC890

# Rectangle

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



9EF99E



00FFF8



FFC7FF

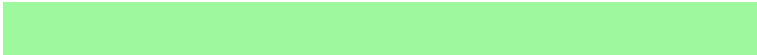


FFB7D0

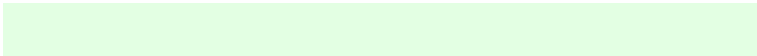


# Sweetspot

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



9EF99E



E3FFE3



F9F99E



6F806F



000000

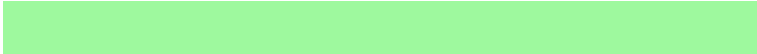


808080

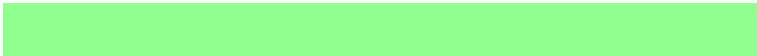


# Same Dimension

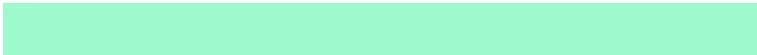
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EF99E



8FFF8F



9EF9CC



707D70



00BD00



003D00



# Inverse Universe

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



F99EF9



FF8FFF



F99ECC



7D707D



BD00BD

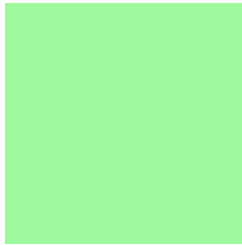


3D003D



# Previews

## White Background



This preview shows how the Hex color 9EF99E looks on a white background.

## Color Contrast Check

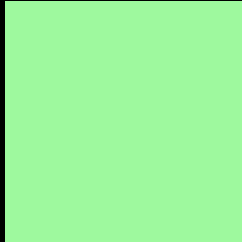
Large Text (above 18pt) WCAG AA × Fail

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 9EF99E 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 9EF99E Background



This preview shows how black text looks on a background with the Hex color 9EF99E.

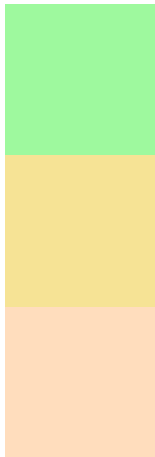


This preview shows how white text looks on a background with the Hex color 9EF99E.

# 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](#).

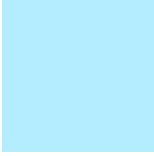
## Dichromacy



**Original Color**  
9EF99E

**Protanopia**  
F6E395

**Deuteranopia**  
FFDDBD



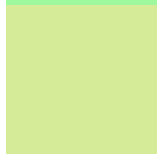
**Tritanopia**  
B3EDFF

# Trichromacy



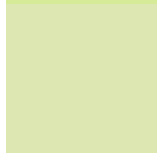
**Original Color**

9EF99E



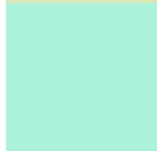
**Protanomaly**

D6EB98



**Deuteranomaly**

DCE7B2



**Tritanomaly**

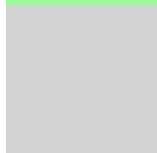
ABF1DC

# Monochromacy



**Original Color**

9EF99E



**Achromatopsia**

D3D3D3



**Achromatomaly**

C0E1C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EF99E 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 #9EF99E looks like.

```
.text, #text, p{  
    color:#9EF99E  
}
```

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 #9EF99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF99E
}
```

## Border

The CSS property to change the border of an element to Hex 9EF99E 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
#9EF99E }
```

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

```
.border{ border-color:#9EF99E }
```

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

Here you see how a box with a 4 pixel #9EF99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF99E; -webkit-box-shadow:4px 4px  
4px 4px #9EF99E; box-shadow:4px 4px 4px  
4px #9EF99E }
```

# Background

The CSS property to change the background color of an element to Hex 9EF99E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF99E }
```

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

```
.background{ background-color:#9EF99E }
```

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