

# Converting Colors

Hex(9FEE86)

Have a look what the booklet for  
Hex(9FEE86) contains.

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# **Color**

**Hex(9FEE86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FEE86
RGB	159, 238, 134
RGB Percent	62%, 93%, 53%
CMY	0.3765, 0.0667, 0.4745
CMYK	0.33, 0.00, 0.44, 0.07
HSL	106°, 75%, 73%
HSV	106°, 44%, 93%
XYZ	49.1757, 70.2412, 33.5203
YIQ	202.5230, -13.7000, -49.0920

# Conversions

## Conversions Part 2

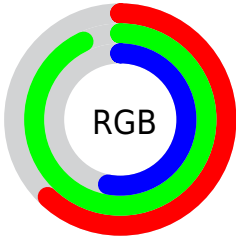
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 238, 213</a>
Decimal	<a href="#">10481286</a>
CIELab	<a href="#">87.12, -43.06, 42.74</a>
CIElCh	<a href="#">87, 60.673, 135.217</a>
Yxy	<a href="#">70.2412, 0.3215, 0.4593</a>
Android (android.graphics.Color)	<a href="#">4288671366 (0xFF9FEE86)</a>
YUV	<a href="#">202.5230, -33.7818, -38.1697</a>
Hunter-Lab	<a href="#">83.8100, -41.9324, 34.9536</a>

# Details

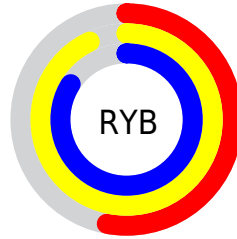
The Hex color **9FEE86** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D586EE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D8FFBD**, and **68B652** is the 20% darker color. If you saturate the color by 10%, you get **8DEE6E**, and if you desaturate by 10%, it is **B1EE9E**.

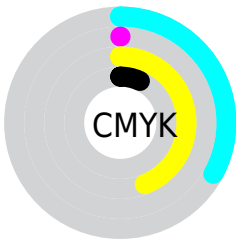
# Distribution



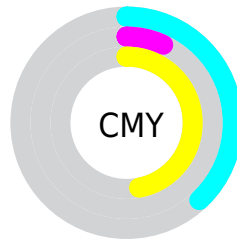
- Red (62%)
- Green (93%)
- Blue (53%)



- Red (53%)
- Yellow (93%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FEE86 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 9FEE86 by changing the saturation by 10% instead.



 9FEE86

FFFFFF

 D8FFBD

 F6FFD9

 FFFFF6

 9FEE86

 83D16C

 68B652

 4C9A39

 2F801F

 096600

 004D00

 003600

 002000

 000000

 9FEE86

 9FEE86

 8DEE6E

 B1EE9E

 7BEE56

 C3EEB6

 69EE3F

 D5EECD

 57EE27

 E7EEE5

 45EE0F

 F9EEFD

 39EE00

 FFE EFF

# Harmonies

## Analogous

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



E0E066



9FEE86



3CF6BB

# Triad

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



9FEE86



00E8FF



FFAABF

# Complementary

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



9FEE86



D586EE

# Split Complementary

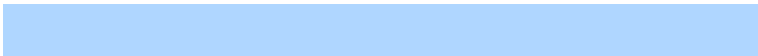
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADF9



9FEE86



AFD6FF

# Square

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



9FEE86



00F4FF



FFC0FF



FFB88B

# Rectangle

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



9FEE86



00F8E3



FFC0FF



FFA9D2

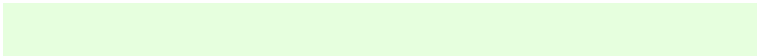


# Sweetspot

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



9FEE86



E6FFDE



EED486



70806B



000000



808080



# Same Dimension

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



9FEE86



9AFF7A



86EEA0



6F786C



2CB800



0D3800



# Inverse Universe

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



D586EE



DF7AFF



EE86D4



756C78



8B00B8



2B0038



# Previews

## White Background



This preview shows how the Hex color 9FEE86 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

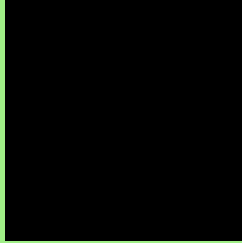
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FEE86 Background



This preview shows how black text looks on a background with the Hex color 9FEE86.

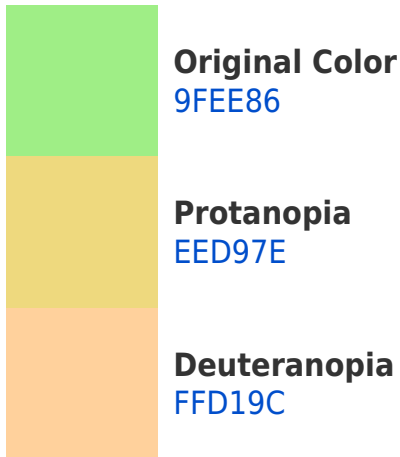


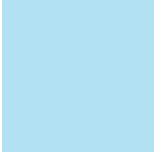
This preview shows how white text looks on a background with the Hex color 9FEE86.

# 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



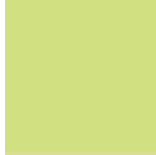


**Tritanopia**  
B2E1F3

# Trichromacy



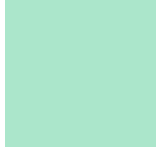
**Original Color**  
9FEE86



**Protanomaly**  
D1E181



**Deuteranomaly**  
DCDC94



**Tritanomaly**  
ABE6CB

# Monochromacy



**Original Color**  
9FEE86



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
BBD8B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FEE86 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 #9FEE86 looks like.

```
.text, #text, p{  
    color:#9FEE86  
}
```

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 #9FEE86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FEE86
}
```

## Border

The CSS property to change the border of an element to Hex 9FEE86 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
#9FEE86 }
```

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

```
.border{ border-color:#9FEE86 }
```

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

Here you see how a box with a 4 pixel #9FEE86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FEE86; -webkit-box-shadow:4px 4px  
4px 4px #9FEE86; box-shadow:4px 4px 4px  
4px #9FEE86 }
```

# Background

The CSS property to change the background color of an element to Hex 9FEE86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FEE86 }
```

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

```
.background{ background-color:#9FEE86 }
```

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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