

Converting Colors

Hex(9EEFB2)

Have a look what the booklet for
Hex(9EEFB2) contains.

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Color

Hex(9EEFB2)

Conversions

Conversions Part 1

Format	Color
Hex	9EEFB2
RGB	158, 239, 178
RGB Percent	62%, 94%, 70%
CMY	0.3804, 0.0627, 0.3020
CMYK	0.34, 0.00, 0.26, 0.06
HSL	135°, 72%, 78%
HSV	135°, 34%, 94%
XYZ	53.0029, 72.2165, 53.2651
YIQ	207.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

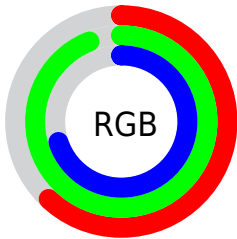
Format	Color
RYB	158, 223, 239
Decimal	10416050
CIELab	88.07, -37.04, 21.85
CIELCh	88, 43.001, 149.465
Yxy	72.2165, 0.2970, 0.4046
Android (android.graphics.Color)	4288606130 (0xFF9EEFB2)
YUV	207.8270, -14.7047, -43.6983
Hunter-Lab	84.9803, -37.3835, 22.3236

Details

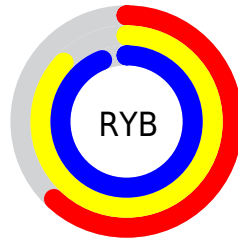
The Hex color **9EEFB2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF9EDB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D7FFEA**, and **67B77D** is the 20% darker color. If you saturate the color by 10%, you get **86EFA0**, and if you desaturate by 10%, it is **B6EFC4**.

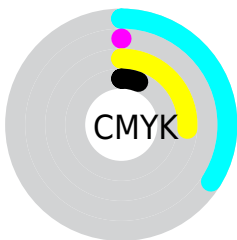
Distribution



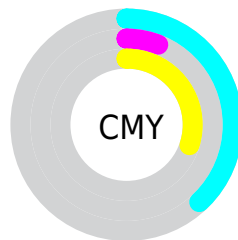
- Red (62%)
- Green (94%)
- Blue (70%)



- Red (62%)
- Yellow (87%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EEFB2 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 9EEFB2 by changing the saturation by 10% instead.

 9EEFB2

FFFFFF

 D7FFEA


 F4FFFF

 9EEFB2

 82D297

 67B77D

 4D9B64

 31814C

 106734

 004F1E

 003707

 002300

 000000

 9EEFB2

 9EEFB2

 86EFA0

 B6EFC4

 6EEF8E

 CEEFD6

 56EF7C

 E6EFE8

 3EEF6A

 FEEFFA

 27EF58

 FFEFFF

 0FEF46

 00EF3B

Harmonies

Analogous

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



CEE794



9EEFB2



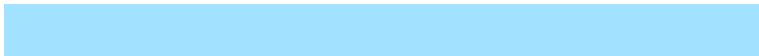
6AF3DB

Triad

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



9EEFB2



A2E1FF



FFC1B7

Complementary

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



9EEFB2



EF9EDB

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.



FFBEDF



9EEFB2



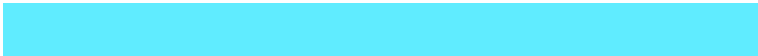
E1D3FF

Square

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



9EEFB2



60ECFF



FFC5FF



FFCC98

Rectangle

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



9EEFB2



4BF3F7



FFC5FF



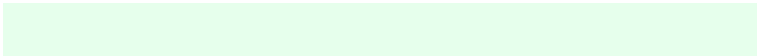
FFBEC4

Sweetspot

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



9EEFB2



E6FFEC



DCEF9E



708074



000000



808080

Same Dimension

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



9EEFB2



96FFB0



9EEFD9



6C786F



00B82D



00380E

Inverse Universe

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



EF9EDB



FF96E5



EF9EB4



786C75



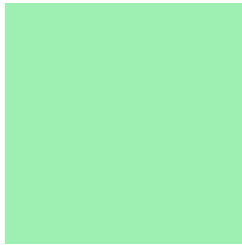
B8008A



38002A

Previews

White Background



This preview shows how the Hex color 9EEFB2 looks on a white background.

Color Contrast Check

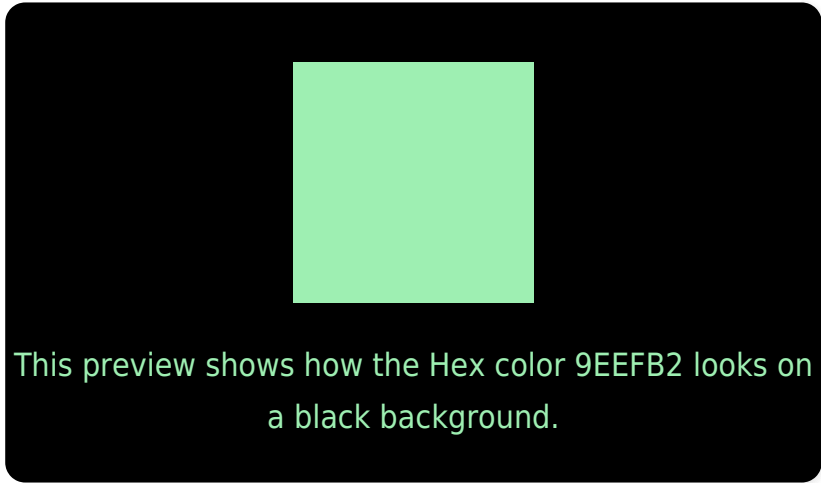
Large Text (above 18pt) WCAG AA × Fail

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

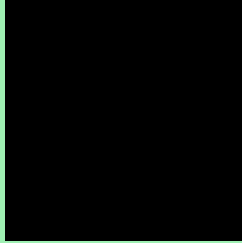
Any Text WCAG AA ✓ Pass

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 9EEFB2 Background



This preview shows how black text looks on a background with the Hex color 9EEFB2.

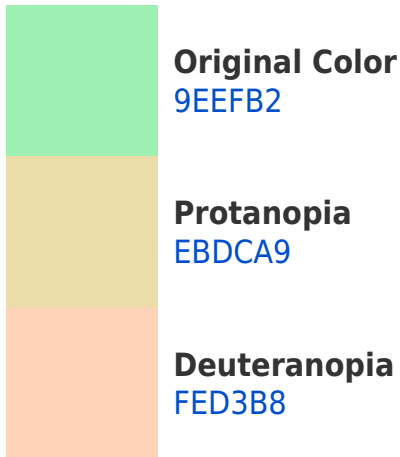


This preview shows how white text looks on a background with the Hex color 9EEFB2.

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



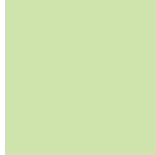


Tritanopia
ACE6F8

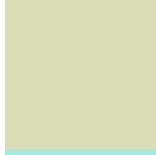
Trichromacy



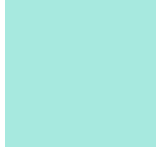
Original Color
9EEFB2



Protanomaly
CFE3AC



Deuteranomaly
DBDDB6

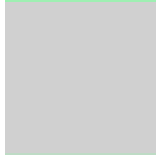


Tritanomaly
A7E9DF

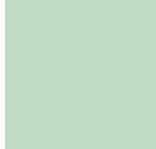
Monochromacy



Original Color
9EEFB2



Achromatopsia
D0D0D0



Achromatomaly
BEDBC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EEFB2 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 #9EEFB2 looks like.

```
.text, #text, p{  
    color:#9EEFB2  
}
```

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 #9EEFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EEFB2  
}
```

Border

The CSS property to change the border of an element to Hex 9EEFB2 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  
#9EEFB2 }
```

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

```
.border{ border-color:#9EEFB2 }
```

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

Here you see how a box with a 4 pixel #9EEFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EEFB2; -webkit-box-shadow:4px 4px  
4px 4px #9EEFB2; box-shadow:4px 4px 4px  
4px #9EEFB2 }
```

Background

The CSS property to change the background color of an element to Hex 9EEFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EEFB2 }
```

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

```
.background{ background-color:#9EEFB2 }
```

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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