

Converting Colors

Hex(9EF6BD)

Have a look what the booklet for
Hex(9EF6BD) contains.

Hex(9EF6BD)	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(9EF6BD)

Conversions

Conversions Part 1

Format	Color
Hex	9EF6BD
RGB	158, 246, 189
RGB Percent	62%, 96%, 74%
CMY	0.3804, 0.0353, 0.2588
CMYK	0.36, 0.00, 0.23, 0.04
HSL	141°, 83%, 79%
HSV	141°, 36%, 96%
XYZ	56.2416, 76.8548, 60.0143
YIQ	213.1900, -34.1510, -36.3830

Conversions

Conversions Part 2

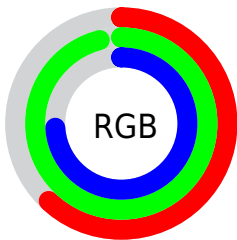
Format	Color
RYB	158, 223, 246
Decimal	10417853
CIELab	90.25, -38.23, 19.22
CIELCh	90, 42.784, 153.311
Yxy	76.8548, 0.2912, 0.3980
Android (android.graphics.Color)	4288607933 (0xFF9EF6BD)
YUV	213.1900, -11.9257, -48.4016
Hunter-Lab	87.6668, -38.9024, 20.7785

Details

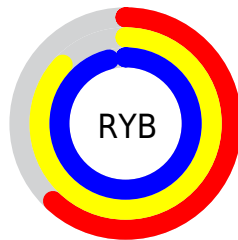
The Hex color **9EF6BD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F69ED7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D7FFF5**, and **67BD88** is the 20% darker color. If you saturate the color by 10%, you get **85F6AD**, and if you desaturate by 10%, it is **B7F6CD**.

Distribution



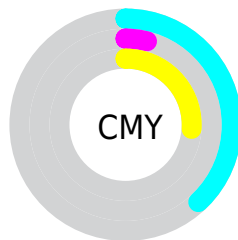
- Red (62%)
- Green (96%)
- Blue (74%)



- Red (62%)
- Yellow (87%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF6BD 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 9EF6BD by changing the saturation by 10% instead.

 9EF6BD

FFFFFF

 D7FFF5

 F4FFFF

 9EF6BD

 82D9A2

 67BD88

 4BA26E

 2F8755

 096D3E

 005427

 003C12

 002700

 000200

 9EF6BD

 9EF6BD

 85F6AD

 B7F6CD

 6DF69D

 CFF6DD

 54F68D

 E8F6ED

 3CF67D

 FFF6FD

 23F66D

 FFF6FF

 0AF65D

 00F657

Harmonies

Analogous

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



CFEE9D



9EF6BD



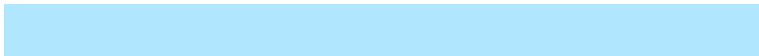
6CF9E6

Triad

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



9EF6BD



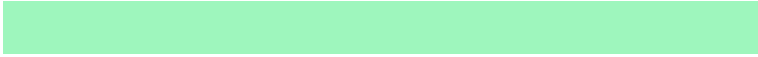
B1E6FF



FFC8B8

Complementary

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



9EF6BD



F69ED7

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.



FFC4E0



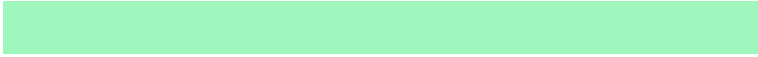
9EF6BD



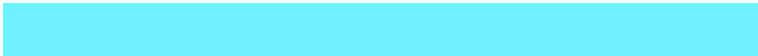
EED7FF

Square

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



9EF6BD



70F1FF



FFCAFF



FFD49B

Rectangle

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



9EF6BD



52F9FF



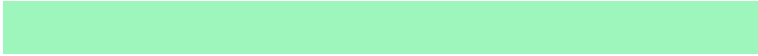
FFCAFF



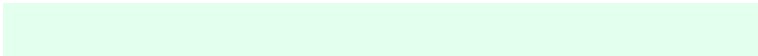
FFC6C5

Sweetspot

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



9EF6BD



E3FFED



D7F69E



6F8075



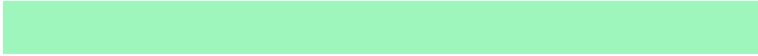
000000



808080

Same Dimension

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



9EF6BD



91FFB8



9EF6E9



6E7A72



00BA42



003B15

Inverse Universe

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



F69ED7



FF91D8



F69EAB



7A6E76



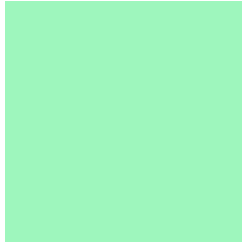
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 9EF6BD looks on a white background.

Color Contrast Check

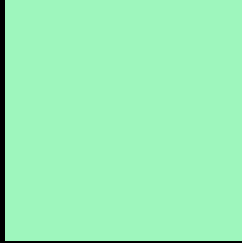
Large Text (above 18pt) WCAG AA × Fail

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 9EF6BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

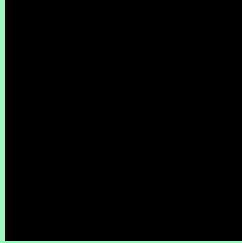
Any Text WCAG AA ✓ Pass

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 9EF6BD Background



This preview shows how black text looks on a background with the Hex color 9EF6BD.

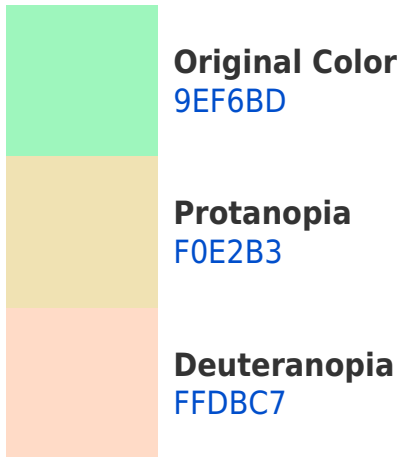


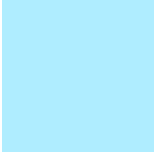
This preview shows how white text looks on a background with the Hex color 9EF6BD.

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](#).

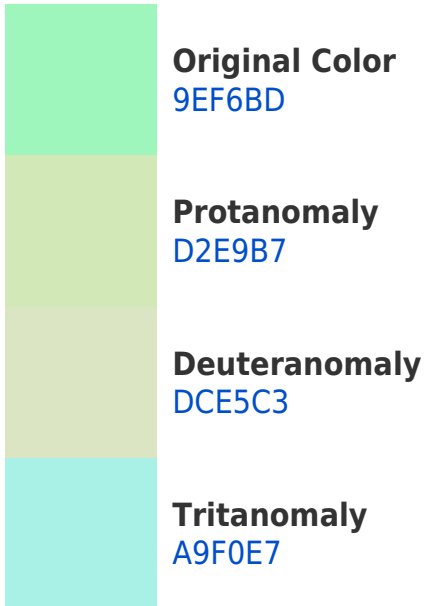
Dichromacy



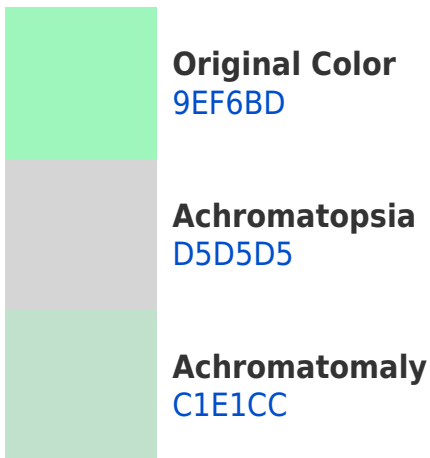


Tritanopia
AFEDFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF6BD 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 #9EF6BD looks like.

```
.text, #text, p{  
    color:#9EF6BD  
}
```

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 #9EF6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF6BD  
}
```

Border

The CSS property to change the border of an element to Hex 9EF6BD 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  
#9EF6BD }
```

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

```
.border{ border-color:#9EF6BD }
```

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

Here you see how a box with a 4 pixel #9EF6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF6BD; -webkit-box-shadow:4px 4px  
4px 4px #9EF6BD; box-shadow:4px 4px 4px  
4px #9EF6BD }
```

Background

The CSS property to change the background color of an element to Hex 9EF6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF6BD }
```

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

```
.background{ background-color:#9EF6BD }
```

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