

Converting Colors

Hex(9DEFB0)

Have a look what the booklet for
Hex(9DEFB0) contains.

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Color

Hex(9DEFB0)

Conversions

Conversions Part 1

Format	Color
Hex	9DEFB0
RGB	157, 239, 176
RGB Percent	62%, 94%, 69%
CMY	0.3843, 0.0627, 0.3098
CMYK	0.34, 0.00, 0.26, 0.06
HSL	134°, 72%, 78%
HSV	134°, 34%, 94%
XYZ	52.6076, 72.0357, 52.2059
YIQ	207.3000, -28.6490, -36.9770

Conversions

Conversions Part 2

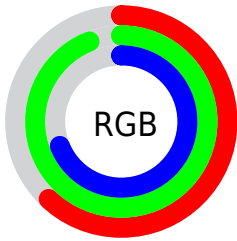
Format	Color
RYB	157, 224, 239
Decimal	10350512
CIELab	87.99, -37.69, 22.75
CIELCh	88, 44.023, 148.885
Yxy	72.0357, 0.2975, 0.4073
Android (android.graphics.Color)	4288540592 (0xFF9DEFB0)
YUV	207.3000, -15.4309, -44.1131
Hunter-Lab	84.8738, -37.8890, 22.9424

Details

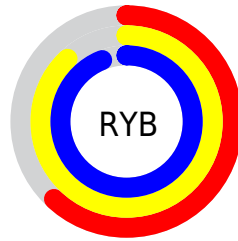
The Hex color **9DEFB0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF9DDC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D6FFE8**, and **66B77B** is the 20% darker color. If you saturate the color by 10%, you get **85EF9E**, and if you desaturate by 10%, it is **B5EFC2**.

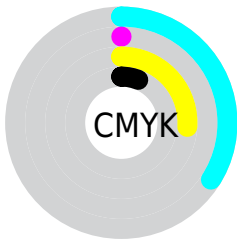
Distribution



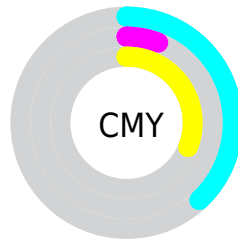
- Red (62%)
- Green (94%)
- Blue (69%)



- Red (62%)
- Yellow (88%)
- Blue (94%)



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



- Cyan (38%)
- Magenta (6%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DEFB0 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 9DEFB0 by changing the saturation by 10% instead.

 9DEFB0

FFFFFF

 D6FFE8

 F3FFFF

 9DEFB0

 81D295

 66B77B

 4B9B62

 30814A

 0D6733

 004F1C

 003705

 002300

 000000

 9DEFB0

 9DEFB0

 85EF9E

 B5EFC2

 6DEF8B

 CDEFD5

 55EF79

 E5EFE7

 3DEF67

 FDEFF9

 25EF54

 FFEFFF

 0EEF42

 00EF37

Harmonies

Analogous

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



CFE692



9DEFB0



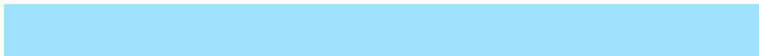
67F3DA

Triad

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



9DEFB0



9EE1FF



FFBF66

Complementary

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



9DEFB0



EF9DDC

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.



FFBCE0



9DEFB0



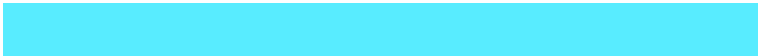
DFD2FF

Square

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



9DEFB0



58ECFF



FFC4FF



FFCB96

Rectangle

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



9DEFB0



43F3F6



FFC4FF



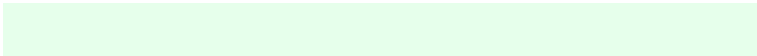
FFBDC4

Sweetspot

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



9DEFB0



E6FFEB



DDEF9D



708074



000000



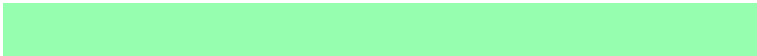
808080

Same Dimension

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



9DEFB0



96FFAF



9DEFD8



6C786F



00B82B



00380D

Inverse Universe

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



EF9DDC



FF96E7



EF9DB4



786C75



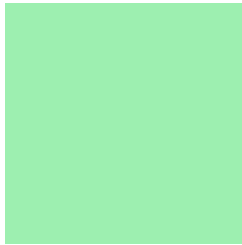
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 9DEFB0 looks on a white background.

Color Contrast Check

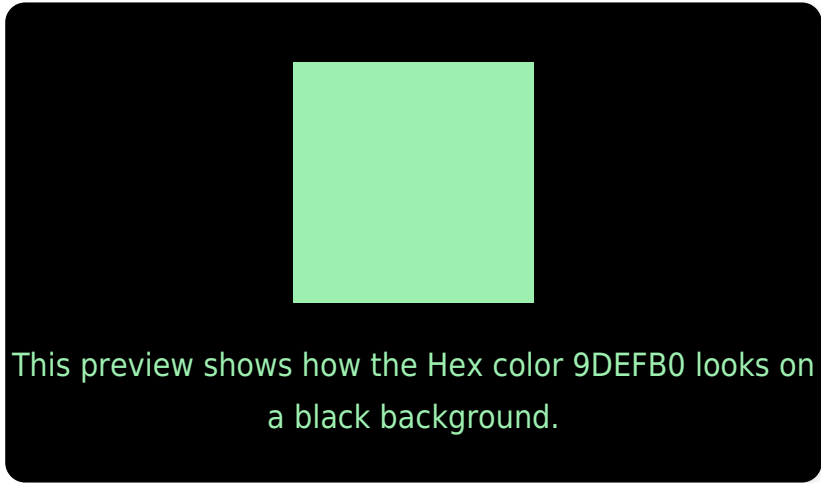
Large Text (above 18pt) WCAG AA × Fail

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

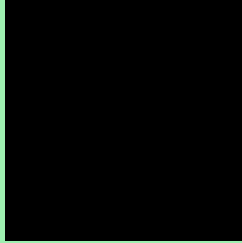
Any Text WCAG AA ✓ Pass

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 9DEFB0 Background



This preview shows how black text looks on a background with the Hex color 9DEFB0.

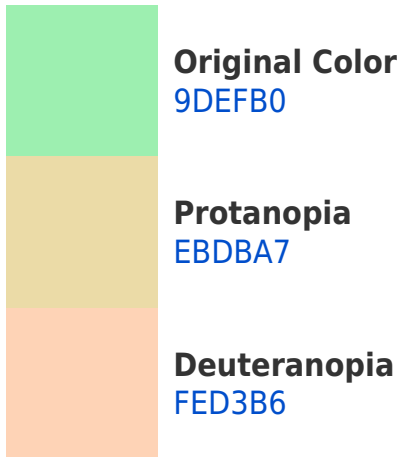


This preview shows how white text looks on a background with the Hex color 9DEFB0.

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



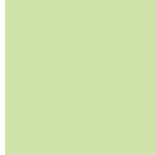


Tritanopia
ABE6F8

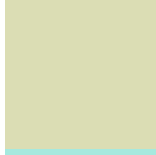
Trichromacy



Original Color
9DEFB0



Protanomaly
CFE2AA



Deuteranomaly
DBDDB4



Tritanomaly
A6E9DE

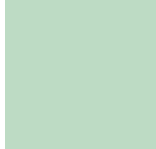
Monochromacy



Original Color
9DEFB0



Achromatopsia
CFCFCF



Achromatomaly
BDDBC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DEFB0 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 #9DEFB0 looks like.

```
.text, #text, p{  
    color:#9DEFB0  
}
```

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 #9DEFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DEFB0
}
```

Border

The CSS property to change the border of an element to Hex 9DEFB0 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
#9DEFB0 }
```

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

```
.border{ border-color:#9DEFB0 }
```

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

Here you see how a box with a 4 pixel #9DEFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DEFB0; -webkit-box-shadow:4px 4px  
4px 4px #9DEFB0; box-shadow:4px 4px 4px  
4px #9DEFB0 }
```

Background

The CSS property to change the background color of an element to Hex 9DEFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DEFB0 }
```

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

```
.background{ background-color:#9DEFB0 }
```

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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