

Converting Colors

Hex(9BE77F)

Have a look what the booklet for
Hex(9BE77F) contains.

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Color

Hex(9BE77F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BE77F |
| RGB | 155, 231, 127 |
| RGB Percent | 61%, 91%, 50% |
| CMY | 0.3922, 0.0941, 0.5020 |
| CMYK | 0.33, 0.00, 0.45, 0.09 |
| HSL | 104°, 68%, 70% |
| HSV | 104°, 45%, 91% |
| XYZ | 45.9242, 65.6527, 30.3304 |
| YIQ | 196.4200, -11.9120, -48.4560 |

Conversions

Conversions Part 2

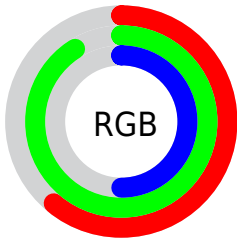
| Format | Color |
|-------------------------------------|--|
| RYB | 127, 231, 203 |
| Decimal | 10217343 |
| CIELab | 84.82, -42.22, 43.21 |
| CIELCh | 85, 60.408, 134.335 |
| Yxy | 65.6527, 0.3236, 0.4626 |
| Android (android.graphics.Color) | 4288407423 (0xFF9BE77F) |
| YUV | 196.4200, -34.2241, -36.3253 |
| Hunter-Lab | 81.0264, -40.6256, 34.5245 |

Details

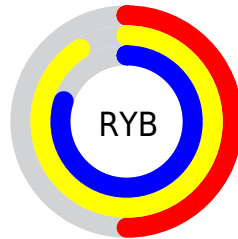
The Hex color **9BE77F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CB7FE7**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D4FFB5**, and **64AF4B** is the 20% darker color. If you saturate the color by 10%, you get **8AE768**, and if you desaturate by 10%, it is **ACE796**.

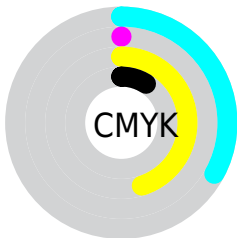
Distribution



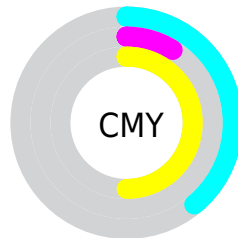
- Red (61%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE77F 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 9BE77F by changing the saturation by 10% instead.

 9BE77F

FFFFFF

 D4FFB5

 F1FFD1

 FFFFEE

 9BE77F

 7FCB65

 64AF4B

 489432

 2C7A17

 036000

 004800

 003000

 001900

 000000

 9BE77F

 9BE77F

 8AE768

 ACE796

 79E751

 BDE7AD

 68E73A

 CEE7C4

 57E723

 DFE7DB

 47E70C

 EFE7F3

 3EE700

 FFE7FF

Harmonies

Analogous

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



DBD960



9BE77F



38EFB3

Triad

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



9BE77F



00E2FF



FFA4BA

Complementary

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



9BE77F



CB7FE7

Split Complementary

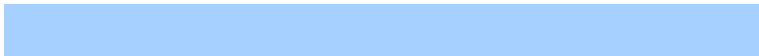
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA8F4



9BE77F



A5D0FF

Square

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



9BE77F



00EDFF



FBBAFF



FFB186

Rectangle

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



9BE77F



00F1DB



FBBAFF



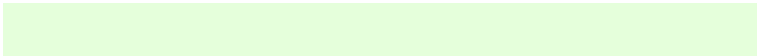
FFA3CE

Sweetspot

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



9BE77F



E5FFDB



E7CA7F



70806A



000000



808080

Same Dimension

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



9BE77F



9AFF75



7FE796



6A7367



30B300



0E3300

Inverse Universe

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



CB7FE7



DA75FF



E77FD0



706773



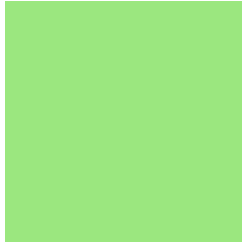
8200B3



250033

Previews

White Background



This preview shows how the Hex color 9BE77F looks on a white background.

Color Contrast Check

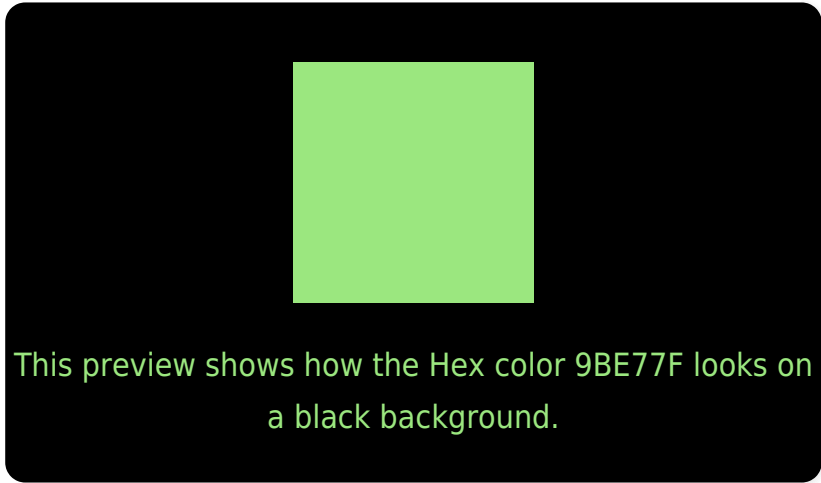
Large Text (above 18pt) WCAG AA × Fail

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 9BE77F Background



This preview shows how black text looks on a background with the Hex color 9BE77F.

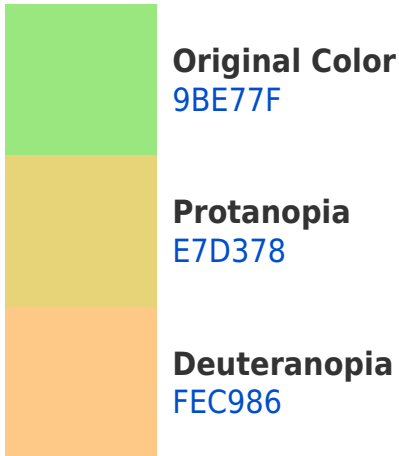


This preview shows how white text looks on a background with the Hex color 9BE77F.

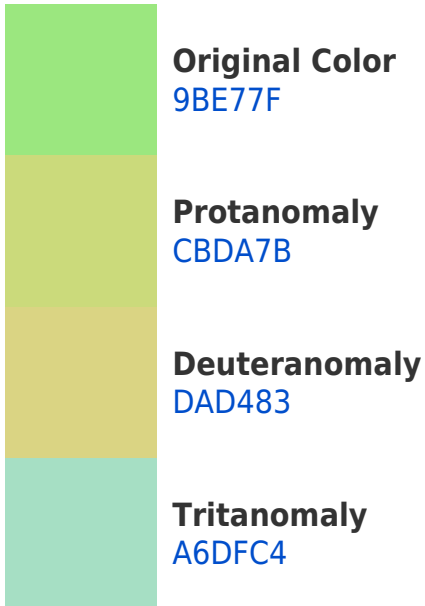
Color Blindness Simulation

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](#).

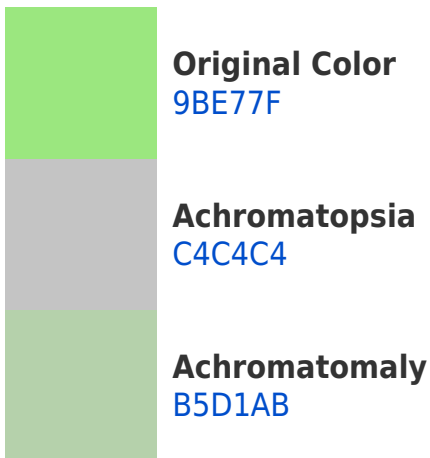
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE77F 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 #9BE77F looks like.

```
.text, #text, p{  
    color:#9BE77F  
}
```

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 #9BE77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE77F
}
```

Border

The CSS property to change the border of an element to Hex 9BE77F 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
#9BE77F }
```

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

```
.border{ border-color:#9BE77F }
```

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

Here you see how a box with a 4 pixel #9BE77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE77F; -webkit-box-shadow:4px 4px  
4px 4px #9BE77F; box-shadow:4px 4px 4px  
4px #9BE77F }
```

Background

The CSS property to change the background color of an element to Hex 9BE77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE77F }
```

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

```
.background{ background-color:#9BE77F }
```

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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