

# Converting Colors

Hex(9BE9A3)

Have a look what the booklet for  
Hex(9BE9A3) contains.

<b>Hex(9BE9A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9BE9A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE9A3
RGB	155, 233, 163
RGB Percent	61%, 91%, 64%
CMY	0.3922, 0.0863, 0.3608
CMYK	0.33, 0.00, 0.30, 0.09
HSL	126°, 64%, 76%
HSV	126°, 33%, 91%
XYZ	49.2673, 67.8907, 45.1579
YIQ	201.6980, -24.0180, -38.3060

# Conversions

## Conversions Part 2

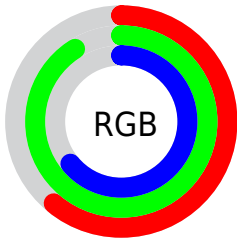
Format	Color
<a href="#">RYB</a>	<a href="#">155, 226, 233</a>
Decimal	<a href="#">10217891</a>
CIELab	<a href="#">85.95, -37.80, 26.63</a>
CIElCh	<a href="#">86, 46.239, 144.837</a>
Yxy	<a href="#">67.8907, 0.3035, 0.4183</a>
Android (android.graphics.Color)	<a href="#">4288407971 (0xFF9BE9A3)</a>
YUV	<a href="#">201.6980, -19.0781, -40.9541</a>
Hunter-Lab	<a href="#">82.3958, -37.4613, 25.1826</a>

# Details

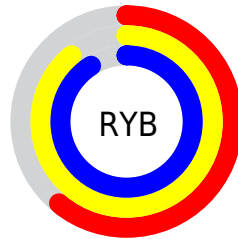
The Hex color **9BE9A3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E99BE1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D3FFDA**, and **65B16F** is the 20% darker color. If you saturate the color by 10%, you get **84E98E**, and if you desaturate by 10%, it is **B2E9B8**.

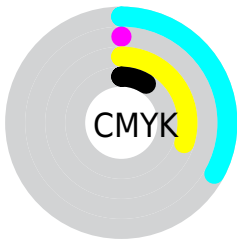
# Distribution



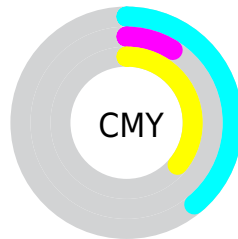
- Red (61%)
- Green (91%)
- Blue (64%)



- Red (61%)
- Yellow (89%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE9A3 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 9BE9A3 by changing the saturation by 10% instead.





9BE9A3

FFFFFF



D3FFDA



F1FFF7



9BE9A3



80CD88



65B16F



4A9656



2E7C3E



0D6227



004A10



003200



001D00



000000

 9BE9A3

 9BE9A3

 84E98E

 B2E9B8

 6CE979

 CAE9CD

 55E964

 E1E9E2

 3EE94F

 F8E9F7

 27E93A

 FFE9FF

 0FE926

 00E918

# Harmonies

## Analogous

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



CEDF86



9BE9A3



5FEECE

# Triad

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



9BE9A3



88DEFF



FFB7B4

# Complementary

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



9BE9A3



E99BE1

# 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.



FFB5E0



9BE9A3



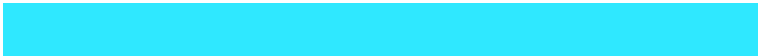
D1CEFF

# Square

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



9BE9A3



2FE8FF



FFBFFF



FFC291

# Rectangle

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



9BE9A3



2BEEEC



FFBFFF



FFB5C3

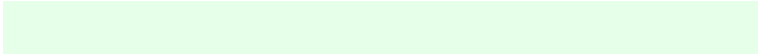


# Sweetspot

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



9BE9A3



E6FFE8



E1E99B



708072



000000



808080

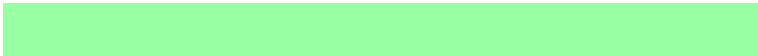


# Same Dimension

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



9BE9A3



99FFA3



9BE9CA



6A756B



00B513



003605



# Inverse Universe

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



E99BE1



FF99F5



E99BBA



756A74



B500A2

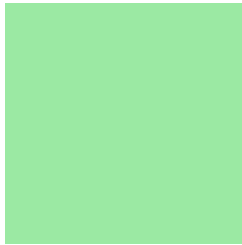


360030



# Previews

## White Background



This preview shows how the Hex color 9BE9A3 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 9BE9A3 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 9BE9A3 Background



This preview shows how black text looks on a background with the Hex color 9BE9A3.

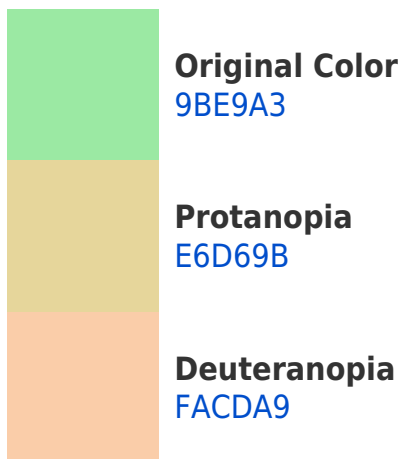


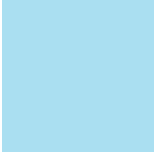
This preview shows how white text looks on a background with the Hex color 9BE9A3.

# 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



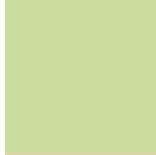


**Tritanopia**  
AADFF1

# Trichromacy



**Original Color**  
9BE9A3



**Protanomaly**  
CBDD9E



**Deuteranomaly**  
D7D7A7



**Tritanomaly**  
A5E3D5

# Monochromacy



**Original Color**  
9BE9A3



**Achromatopsia**  
CACACA



**Achromatomaly**  
B9D5BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE9A3 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 #9BE9A3 looks like.

```
.text, #text, p{  
    color:#9BE9A3  
}
```

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 #9BE9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE9A3
}
```

## Border

The CSS property to change the border of an element to Hex 9BE9A3 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
#9BE9A3 }
```

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

```
.border{ border-color:#9BE9A3 }
```

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

Here you see how a box with a 4 pixel #9BE9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE9A3; -webkit-box-shadow:4px 4px  
4px 4px #9BE9A3; box-shadow:4px 4px 4px  
4px #9BE9A3 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE9A3 }
```

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

```
.background{ background-color:#9BE9A3 }
```

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