

Converting Colors

Hex(9BE8B7)

Have a look what the booklet for
Hex(9BE8B7) contains.

Hex(9BE8B7)	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(9BE8B7)

Conversions

Conversions Part 1

Format	Color
Hex	9BE8B7
RGB	155, 232, 183
RGB Percent	61%, 91%, 72%
CMY	0.3922, 0.0902, 0.2824
CMYK	0.33, 0.00, 0.21, 0.09
HSL	142°, 63%, 76%
HSV	142°, 33%, 91%
XYZ	50.9214, 68.1007, 55.2607
YIQ	203.3910, -30.1630, -31.5630

Conversions

Conversions Part 2

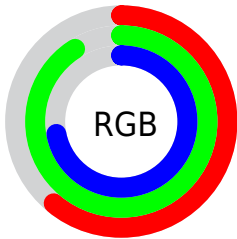
Format	Color
RYB	155, 211, 232
Decimal	10217655
CIELab	86.06, -33.81, 16.43
CIELCh	86, 37.588, 154.085
Yxy	68.1007, 0.2922, 0.3907
Android (android.graphics.Color)	4288407735 (0xFF9BE8B7)
YUV	203.3910, -10.0528, -42.4389
Hunter-Lab	82.5231, -34.2709, 18.0633

Details

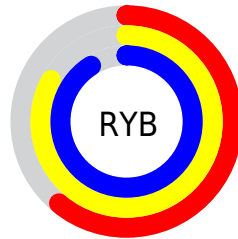
The Hex color **9BE8B7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E89BCC**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D3FFEF**, and **65B082** is the 20% darker color. If you saturate the color by 10%, you get **84E8A8**, and if you desaturate by 10%, it is **B2E8C6**.

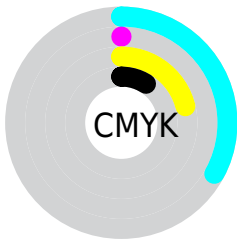
Distribution



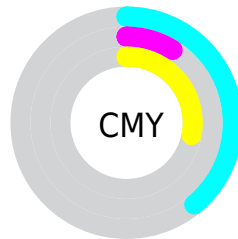
- Red (61%)
- Green (91%)
- Blue (72%)



- Red (61%)
- Yellow (83%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE8B7 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 9BE8B7 by changing the saturation by 10% instead.

 9BE8B7

FFFFFF

 D3FFEF

 F0FFFF

 9BE8B7

 80CC9C

 65B082

 4A9569

 2F7B50

 0F6139

 004923

 00320E

 001D00

 000000

 9BE8B7

 9BE8B7

 84E8A8

 B2E8C6

 6DE899

 C9E8D5

 55E88B

 E1E8E3

 3EE87C

 F8E8F2

 27E86D

 FFE8FF

 10E85E

 00E854

Harmonies

Analogous

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



C5E19B



9BE8B7



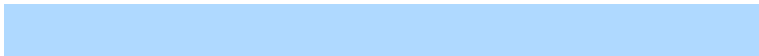
73EBDB

Triad

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



9BE8B7



AFD9FF



FFC0B1

Complementary

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



9BE8B7



E89BCC

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.



FFBCD4



9BE8B7



E2CCFF

Square

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



9BE8B7



7BE3FF



FFC1F7



FFCA98

Rectangle

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



9BE8B7



62EAF3



FFC1F7



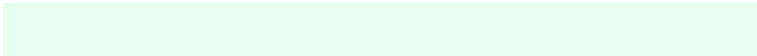
FFBEBC

Sweetspot

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



9BE8B7



E6FFEF



CDE89B



708076



000000



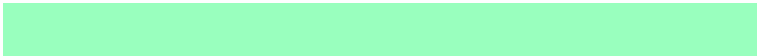
808080

Same Dimension

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



9BE8B7



99FFBE



9BE8DC



67736B



00B341



003313

Inverse Universe

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



E89BCC



FF99DA



E89BA7



73676F



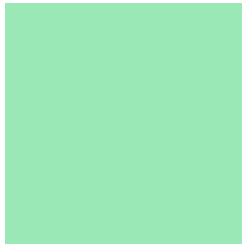
B30072



330020

Previews

White Background



This preview shows how the Hex color 9BE8B7 looks on a white background.

Color Contrast Check

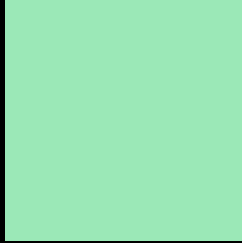
Large Text (above 18pt) WCAG AA × Fail

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 9BE8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

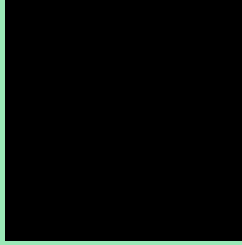
Any Text WCAG AA ✓ Pass

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 9BE8B7 Background



This preview shows how black text looks on a background with the Hex color 9BE8B7.

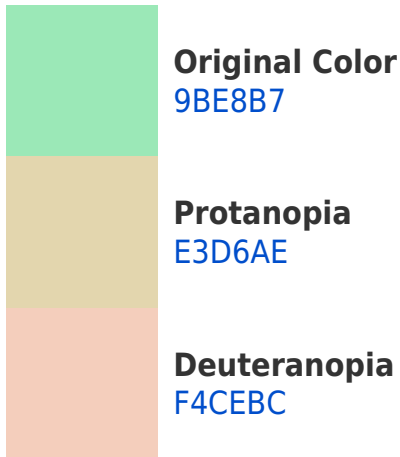


This preview shows how white text looks on a background with the Hex color 9BE8B7.

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



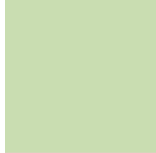


Tritanopia
A7E0F2

Trichromacy



Original Color
9BE8B7



Protanomaly
C9DDB1



Deuteranomaly
D4D7BA

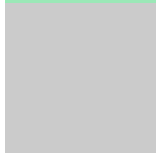


Tritanomaly
A3E3DD

Monochromacy



Original Color
9BE8B7



Achromatopsia
CBCBCB



Achromatomaly
BAD6C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE8B7 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 #9BE8B7 looks like.

```
.text, #text, p{  
    color:#9BE8B7  
}
```

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 #9BE8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE8B7
}
```

Border

The CSS property to change the border of an element to Hex 9BE8B7 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
#9BE8B7 }
```

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

```
.border{ border-color:#9BE8B7 }
```

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

Here you see how a box with a 4 pixel #9BE8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE8B7; -webkit-box-shadow:4px 4px  
4px 4px #9BE8B7; box-shadow:4px 4px 4px  
4px #9BE8B7 }
```

Background

The CSS property to change the background color of an element to Hex 9BE8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE8B7 }
```

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

```
.background{ background-color:#9BE8B7 }
```

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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