

Converting Colors

Hex(9BE8B0)

Have a look what the booklet for
Hex(9BE8B0) contains.

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Color

Hex(9BE8B0)

Conversions

Conversions Part 1

Format	Color
Hex	9BE8B0
RGB	155, 232, 176
RGB Percent	61%, 91%, 69%
CMY	0.3922, 0.0902, 0.3098
CMYK	0.33, 0.00, 0.24, 0.09
HSL	136°, 63%, 76%
HSV	136°, 33%, 91%
XYZ	50.2107, 67.8164, 51.5178
YIQ	202.5930, -27.9160, -33.7400

Conversions

Conversions Part 2

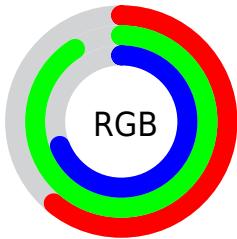
Format	Color
RYB	155, 216, 232
Decimal	10217648
CIELab	85.91, -35.09, 19.87
CIELCh	86, 40.328, 150.483
Yxy	67.8164, 0.2961, 0.4000
Android (android.graphics.Color)	4288407728 (0xFF9BE8B0)
YUV	202.5930, -13.1103, -41.7391
Hunter-Lab	82.3507, -35.2792, 20.5543

Details

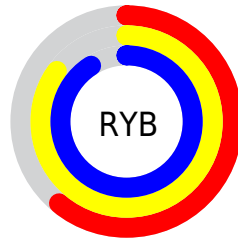
The Hex color **9BE8B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E89BD3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D3FFE8**, and **65B07B** is the 20% darker color. If you saturate the color by 10%, you get **84E89F**, and if you desaturate by 10%, it is **B2E8C1**.

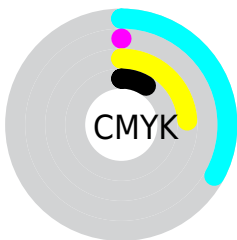
Distribution



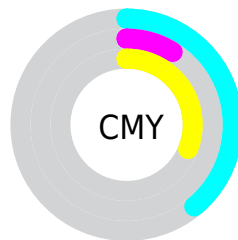
- Red (61%)
- Green (91%)
- Blue (69%)



- Red (61%)
- Yellow (85%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE8B0 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 9BE8B0 by changing the saturation by 10% instead.

 9BE8B0

 9BE8B0

FFFFFF

 80CC95

 D3FFE8

 65B07B

 F0FFFF

 4A9562

 2F7B4A

 0F6133

 00491D

 003206

 001D00

 000000

 9BE8B0

 9BE8B0

 84E89F

 B2E8C1

 6DE88E

 C9E8D2

 55E87D

 E1E8E3

 3EE86D

 F8E8F3

 27E85C

 FFE8FF

 10E84B

 00E83F

Harmonies

Analogous

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



C8E094



9BE8B0



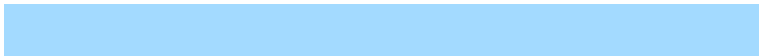
6DECD6

Triad

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



9BE8B0



A3DAFF



FFBDB2

Complementary

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



9BE8B0



E89BD3

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.



FFBAD8



9BE8B0



DCCDFF

Square

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



9BE8B0



68E5FF



FFC0FD



FFC895

Rectangle

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



9BE8B0



54EBF0



FFC0FD



FFBBBE

Sweetspot

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



9BE8B0



E6FFEC



D3E89B



708074



000000



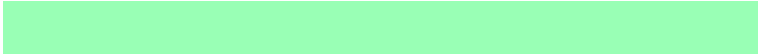
808080

Same Dimension

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



9BE8B0



99FFB5



9BE8D6



67736A



00B331



00330E

Inverse Universe

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



E89BD3



FF99E3



E89BAD



736770



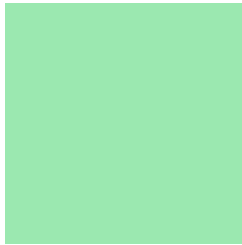
B30082



330025

Previews

White Background



This preview shows how the Hex color 9BE8B0 looks on a white background.

Color Contrast Check

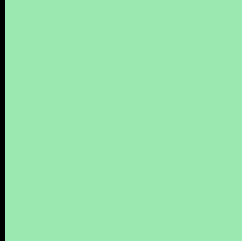
Large Text (above 18pt) WCAG AA × Fail

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 9BE8B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

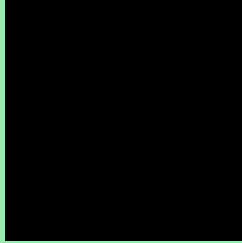
Any Text WCAG AA ✓ Pass

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 9BE8B0 Background



This preview shows how black text looks on a background with the Hex color 9BE8B0.



This preview shows how white text looks on a background with the Hex color 9BE8B0.

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



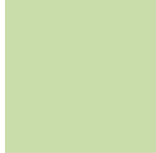


Tritanopia
A8DFF1

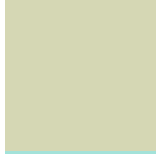
Trichromacy



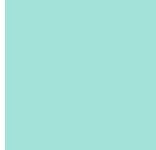
Original Color
9BE8B0



Protanomaly
C9DDAA



Deuteranomaly
D5D7B4

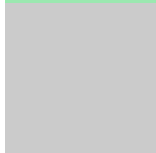


Tritanomaly
A3E2D9

Monochromacy



Original Color
9BE8B0



Achromatopsia
CBCBCB



Achromatomaly
BAD6C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE8B0 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 #9BE8B0 looks like.

```
.text, #text, p{  
    color:#9BE8B0  
}
```

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 #9BE8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE8B0
}
```

Border

The CSS property to change the border of an element to Hex 9BE8B0 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
#9BE8B0 }
```

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

```
.border{ border-color:#9BE8B0 }
```

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

Here you see how a box with a 4 pixel #9BE8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE8B0; -webkit-box-shadow:4px 4px  
4px 4px #9BE8B0; box-shadow:4px 4px 4px  
4px #9BE8B0 }
```

Background

The CSS property to change the background color of an element to Hex 9BE8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE8B0 }
```

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

```
.background{ background-color:#9BE8B0 }
```

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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