

Converting Colors

Hex(9BE8E6)

Have a look what the booklet for
Hex(9BE8E6) contains.

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Color

Hex(9BE8E6)

Conversions

Conversions Part 1

Format	Color
Hex	9BE8E6
RGB	155, 232, 230
RGB Percent	61%, 91%, 90%
CMY	0.3922, 0.0902, 0.0980
CMYK	0.33, 0.00, 0.01, 0.09
HSL	178°, 63%, 76%
HSV	178°, 33%, 91%
XYZ	56.6571, 70.3950, 85.4644
YIQ	208.7490, -45.2500, -16.9460

Conversions

Conversions Part 2

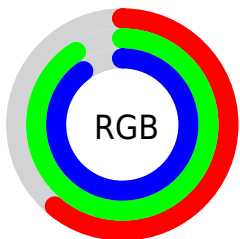
Format	Color
RYB	155, 194, 232
Decimal	10217702
CIELab	87.19, -23.99, -6.58
CIELCh	87, 24.871, 195.330
Yxy	70.3950, 0.2666, 0.3312
Android (android.graphics.Color)	4288407782 (0xFF9BE8E6)
YUV	208.7490, 10.4767, -47.1379
Hunter-Lab	83.9017, -26.2906, -1.6631

Details

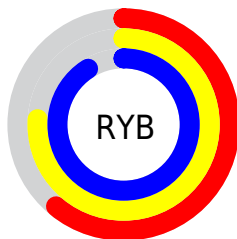
The Hex color **9BE8E6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89B9D**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D4FFFF**, and **64B0AF** is the 20% darker color. If you saturate the color by 10%, you get **84E8E5**, and if you desaturate by 10%, it is **B2E8E7**.

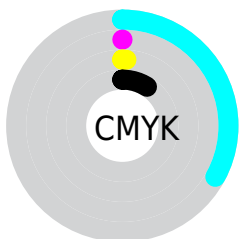
Distribution



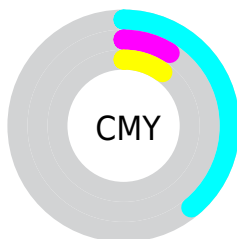
- Red (61%)
- Green (91%)
- Blue (90%)



- Red (61%)
- Yellow (76%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE8E6 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 9BE8E6 by changing the saturation by 10% instead.

 9BE8E6

 9BE8E6

FFFFFF

 7FCCCA

 D4FFFF

 64B0AF

 F1FFFF

 489594

 2B7B7A

 026261

 004A4A

 003333

 001F1E

 000004

 9BE8E6

 9BE8E6

 84E8E5

 B2E8E7

 6DE8E5

 C9E8E7

 55E8E4

 E1E8E8

 3EE8E4

 F8E8E8

 27E8E3

 FFE8E9

 10E8E2

 FFE8EA

 00E8E2

 FFE8EB

Harmonies

Analogous

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



ACE7CE



9BE8E6



9CE6FB

Triad

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



9BE8E6



EDD0FC



F7D5AD

Complementary

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



9BE8E6



E89B9D

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.



FFCEBA



9BE8E6



FFCBE7

Square

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



9BE8E6



CFD8FF



FFCACF



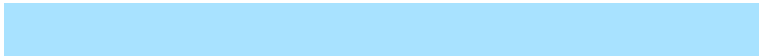
E0DDAD

Rectangle

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



9BE8E6



A8E2FF



FFCACF



FED2B0

Sweetspot

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



9BE8E6



E6FFFE



9EE89B



70807F



000000



808080

Same Dimension

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



9BE8E6



99FFFC



9BC4E8



677372



00B3AE



003332

Inverse Universe

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



E89B9D



FF999C



E8BF9B



736768



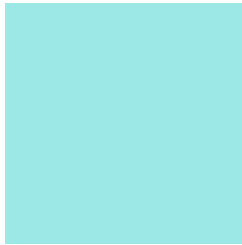
B30005



330001

Previews

White Background



This preview shows how the Hex color 9BE8E6 looks on a white background.

Color Contrast Check

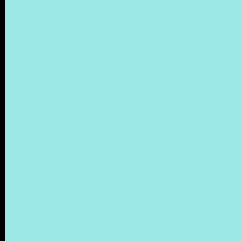
Large Text (above 18pt) WCAG AA × Fail

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 9BE8E6 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 9BE8E6 Background



This preview shows how black text looks on a background with the Hex color 9BE8E6.



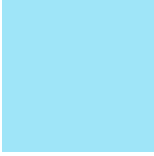
This preview shows how white text looks on a background with the Hex color 9BE8E6.

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](#).

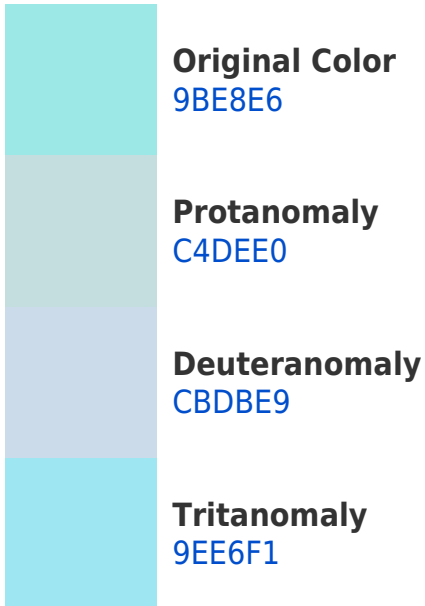
Dichromacy



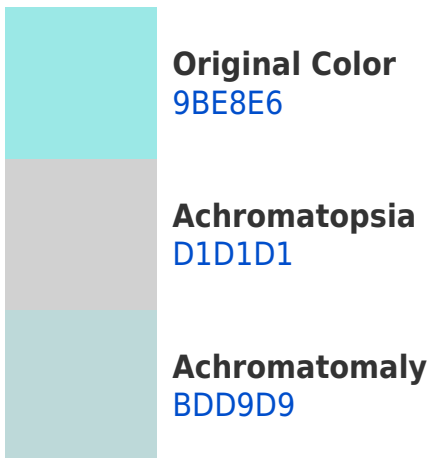


Tritanopia
9FE5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE8E6 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 #9BE8E6 looks like.

```
.text, #text, p{  
    color:#9BE8E6  
}
```

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 #9BE8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE8E6  
}
```

Border

The CSS property to change the border of an element to Hex 9BE8E6 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  
#9BE8E6 }
```

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

```
.border{ border-color:#9BE8E6 }
```

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

Here you see how a box with a 4 pixel #9BE8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE8E6; -webkit-box-shadow:4px 4px  
4px 4px #9BE8E6; box-shadow:4px 4px 4px  
4px #9BE8E6 }
```

Background

The CSS property to change the background color of an element to Hex 9BE8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE8E6 }
```

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

```
.background{ background-color:#9BE8E6 }
```

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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