

# Converting Colors

Hex(9BE7D6)

Have a look what the booklet for  
Hex(9BE7D6) contains.

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# **Color**

**Hex(9BE7D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE7D6
RGB	155, 231, 214
RGB Percent	61%, 91%, 84%
CMY	0.3922, 0.0941, 0.1608
CMYK	0.33, 0.00, 0.07, 0.09
HSL	167°, 61%, 76%
HSV	167°, 33%, 91%
XYZ	54.2311, 68.9754, 74.0736
YIQ	206.3380, -39.8390, -21.3990

# Conversions

## Conversions Part 2

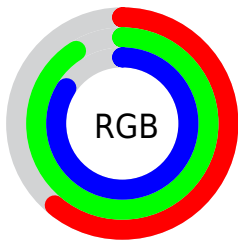
Format	Color
R <sub>Y</sub> B	155, 198, 231
Decimal	10217430
CIE Lab	86.49, -27.07, 0.81
CIE LCh	86, 27.082, 178.285
Yxy	68.9754, 0.2749, 0.3496
Android (android.graphics.Color)	4288407510 (0xFF9BE7D6)
YUV	206.3380, 3.7774, -45.0234
Hunter-Lab	83.0514, -28.7828, 5.2552

# Details

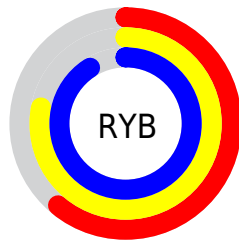
The Hex color **9BE7D6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E79BAC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D4FFFF**, and **64AF9F** is the 20% darker color. If you saturate the color by 10%, you get **84E7D1**, and if you desaturate by 10%, it is **B2E7DB**.

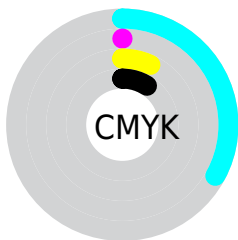
# Distribution



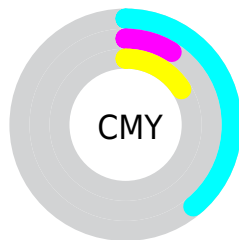
- Red (61%)
- Green (91%)
- Blue (84%)



- Red (61%)
- Yellow (78%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE7D6 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 9BE7D6 by changing the saturation by 10% instead.



 9BE7D6

 9BE7D6

FFFFFF

 80CBBA

 D4FFFF

 64AF9F

 F1FFFF

 4A9485

 2E7A6C

 0B6154

 00493D

 003227

 001F12

 000000

 9BE7D6

 9BE7D6

 84E7D1

 B2E7DB

 6DE7CC

 C9E7E0

 56E7C6

 E0E7E6

 3FE7C1

 F7E7EB

 27E7BC

 FFE7F0

 10E7B7

 FFE7F5

 00E7B3

 FFE7FA

 FFE7FF

# Harmonies

## Analogous

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



B4E4BD



9BE7D6



8FE6F0

# Triad

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



9BE7D6



DBD2FF



FFCEAE

# Complementary

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



9BE7D6



E79BAC

# 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.



FFC8C1



9BE7D6



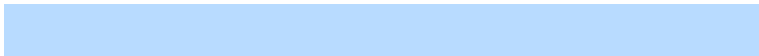
F8CAF4

# Square

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



9BE7D6



B8DBFF



FFC6DB



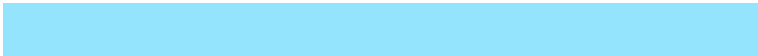
EDD6A5

# Rectangle

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



9BE7D6



94E4FE



FFC6DB



FFCBB3

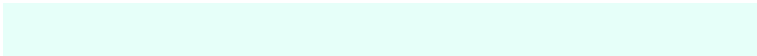


# Sweetspot

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



9BE7D6



E6FFF9



ADE79B



70807C



000000



808080

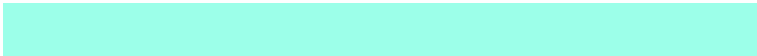


# Same Dimension

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



9BE7D6



9CFFE9



9BD3E7



677370



00B38B



003328



# Inverse Universe

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



E79BAC



FF9CB2



E7AF9B



73676A



B30028

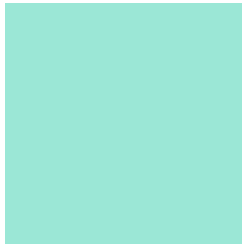


33000B



# Previews

## White Background



This preview shows how the Hex color 9BE7D6 looks on a white background.

## Color Contrast Check

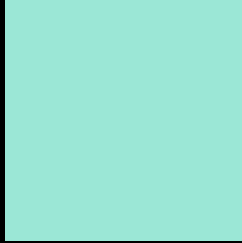
Large Text (above 18pt) WCAG AA × Fail

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 9BE7D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

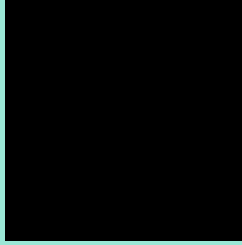
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

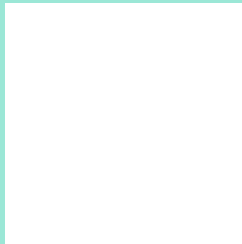
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BE7D6 Background



This preview shows how black text looks on a background with the Hex color 9BE7D6.

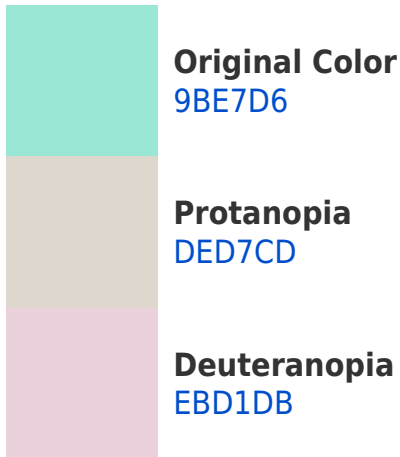


This preview shows how white text looks on a background with the Hex color 9BE7D6.

# 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



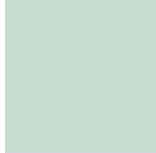


**Tritanopia**  
A2E2F5

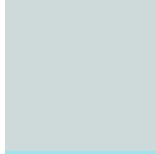
# Trichromacy



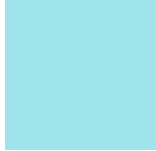
**Original Color**  
9BE7D6



**Protanomaly**  
C6DDD0



**Deuteranomaly**  
CED9D9

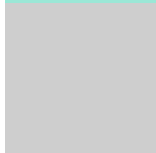


**Tritanomaly**  
9FE4EA

# Monochromacy



**Original Color**  
9BE7D6



**Achromatopsia**  
CECECE



**Achromatomaly**  
BBD7D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE7D6 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 #9BE7D6 looks like.

```
.text, #text, p{  
    color:#9BE7D6  
}
```

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 #9BE7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE7D6
}
```

## Border

The CSS property to change the border of an element to Hex 9BE7D6 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
#9BE7D6 }
```

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

```
.border{ border-color:#9BE7D6 }
```

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

Here you see how a box with a 4 pixel #9BE7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE7D6; -webkit-box-shadow:4px 4px  
4px 4px #9BE7D6; box-shadow:4px 4px 4px  
4px #9BE7D6 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE7D6 }
```

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

```
.background{ background-color:#9BE7D6 }
```

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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