

Converting Colors

Hex(9BEEBE)

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

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Color

Hex(9BEEBE)

Conversions

Conversions Part 1

Format	Color
Hex	9BEEBE
RGB	155, 238, 190
RGB Percent	61%, 93%, 75%
CMY	0.3922, 0.0667, 0.2549
CMYK	0.35, 0.00, 0.20, 0.07
HSL	145°, 71%, 77%
HSV	145°, 35%, 93%
XYZ	53.3864, 71.8353, 59.7670
YIQ	207.7110, -34.0600, -32.5240

Conversions

Conversions Part 2

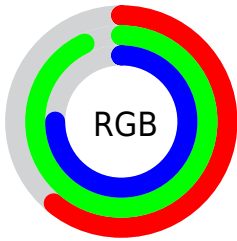
Format	Color
RYB	155, 213, 238
Decimal	10219198
CIELab	87.89, -35.26, 15.36
CIELCh	88, 38.459, 156.455
Yxy	71.8353, 0.2886, 0.3883
Android (android.graphics.Color)	4288409278 (0xFF9BEEBE)
YUV	207.7110, -8.7315, -46.2275
Hunter-Lab	84.7557, -35.8880, 17.5196

Details

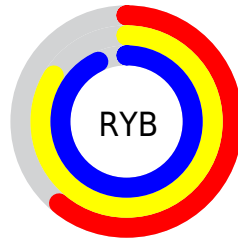
The Hex color **9BEEBE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE9BCB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D4FFF6**, and **64B689** is the 20% darker color. If you saturate the color by 10%, you get **83EEB0**, and if you desaturate by 10%, it is **B3EECC**.

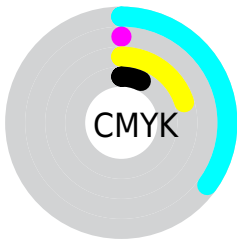
Distribution



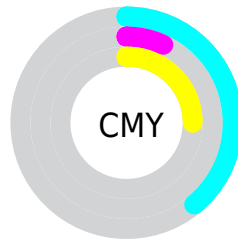
- Red (61%)
- Green (93%)
- Blue (75%)



- Red (61%)
- Yellow (84%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 9BEEBE

 9BEEBE

FFFFFF

 7FD1A3

 D4FFF6

 64B689

 F1FFFF

 499A6F

 2D8057

 09673F

 004E29

 003614

 002200

 000000

 9BEEBE

 9BEEBE

 83EEB0

 B3EECC

 6BEEA2

 CBEEDA

 54EE95

 E2EEE7

 3CEE87

 FAEEF5

 24EE79

 FFEEFF

 0CEE6B

 00EE64

Harmonies

Analogous

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



C6E7A1



9BEEBE



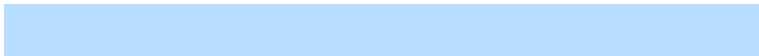
73F1E3

Triad

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



9BEEBE



B7DDFF



FFC5B3

Complementary

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



9BEEBE



EE9BCB

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.



FFC1D6



9BEEBE



ECD0FF

Square

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



9BEEBE



81E8FF



FFC5FA



FFD09A

Rectangle

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



9BEEBE



62F0FC



FFC5FA



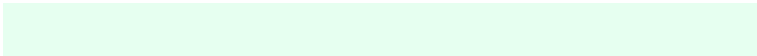
FFC3BE

Sweetspot

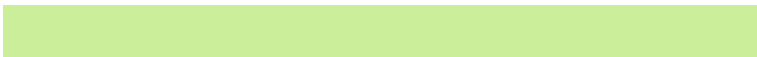
The Sweet Spot groups the original color and five complimentary colors.



9BEEBE



E6FFF0



CBEE9B



708077



000000



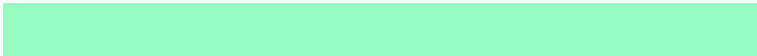
808080

Same Dimension

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



9BEEBE



94FFC1



9BEEE7



6C7871



00B84D



003818

Inverse Universe

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



EE9BCB



FF94D2



EE9BA2



786C73



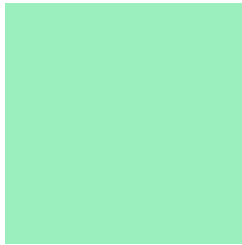
B8006A



380020

Previews

White Background



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

Color Contrast Check

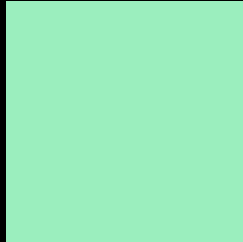
Large Text (above 18pt) WCAG AA × Fail

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 9BEEBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

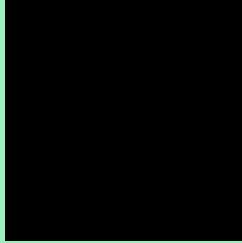
Any Text WCAG AA ✓ Pass

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 9BEEBE Background



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

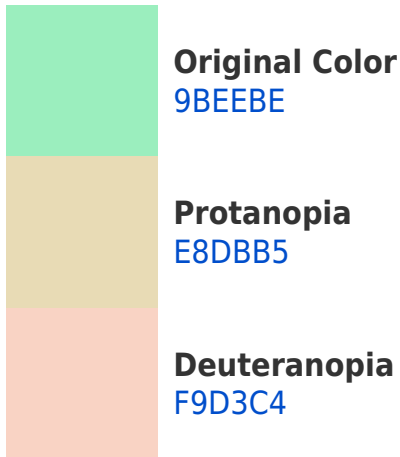


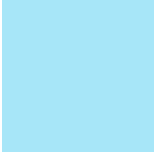
This preview shows how white text looks on a background with the Hex color 9BEEBE.

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



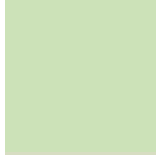


Tritanopia
A7E6F8

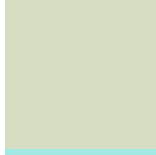
Trichromacy



Original Color
9BEEBE



Protanomaly
CCE2B8



Deuteranomaly
D7DDC2



Tritanomaly
A3E9E3

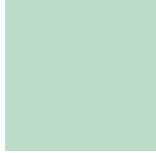
Monochromacy



Original Color
9BEEBE



Achromatopsia
D0D0D0



Achromatomaly
BDDBC9

CSS Examples

Text

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

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

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 #9BEEBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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