

Converting Colors

Hex(9BDEAF)

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

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Color

Hex(9BDEAF)

Conversions

Conversions Part 1

Format	Color
Hex	9BDEAF
RGB	155, 222, 175
RGB Percent	61%, 87%, 69%
CMY	0.3922, 0.1294, 0.3137
CMYK	0.30, 0.00, 0.21, 0.13
HSL	138°, 50%, 74%
HSV	138°, 30%, 87%
XYZ	47.3767, 62.3063, 50.0867
YIQ	196.6090, -24.8450, -28.8210

Conversions

Conversions Part 2

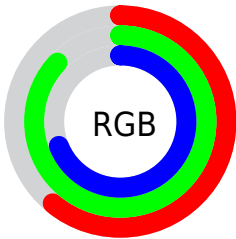
Format	Color
RYB	155, 207, 222
Decimal	10215087
CIELab	83.08, -30.61, 16.43
CIELCh	83, 34.742, 151.774
Yxy	62.3063, 0.2965, 0.3900
Android (android.graphics.Color)	4288405167 (0xFF9BDEAF)
YUV	196.6090, -10.6532, -36.4911
Hunter-Lab	78.9343, -30.9986, 17.6323

Details

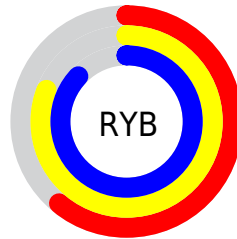
The Hex color **9BDEAF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9BCA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFE7**, and **66A77A** is the 20% darker color. If you saturate the color by 10%, you get **85DE9F**, and if you desaturate by 10%, it is **B1DEBF**.

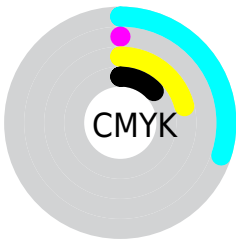
Distribution



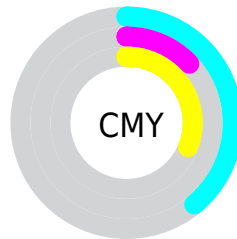
- Red (61%)
- Green (87%)
- Blue (69%)



- Red (61%)
- Yellow (81%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 9BDEAF

 9BDEAF

FFFFFF

 80C294

 D3FFE7

 66A77A

 F0FFFF

 4C8C61

 327249

 165933

 00411D

 002A05

 001300

 000000

 9BDEAF

 9BDEAF

 85DE9F

 B1DEBF

 6FDE90

 C7DECE

 58DE80

 DEDEDE

 42DE71

 F4DEED

 2CDE61

 FFDEFD

 16DE52

 FFDEFF

 00DE42

Harmonies

Analogous

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



C1D797



9BDEAF



77E1D0

Triad

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



9BDEAF



A7D1FF



FFB9AE

Complementary

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



9BDEAF



DE9BCA

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.



FFB7CE



9BDEAF



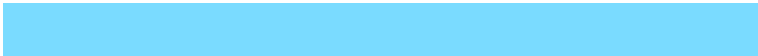
D6C6FF

Square

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



9BDEAF



7ADBFF



FABBEE



FFC296

Rectangle

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



9BDEAF



68E1E6



FABBEE



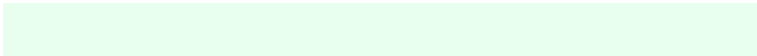
FFB8B8

Sweetspot

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



9BDEAF



E8FFEF



CBDE9B



718076



000000



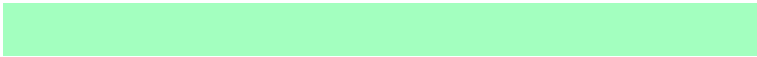
808080

Same Dimension

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



9BDEAF



A3FFBF



9BDECF



657068



00B035



00300E

Inverse Universe

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



DE9BCA



FFA3E4



DE9BAA



70656D



B0007B



300022

Previews

White Background



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

Color Contrast Check

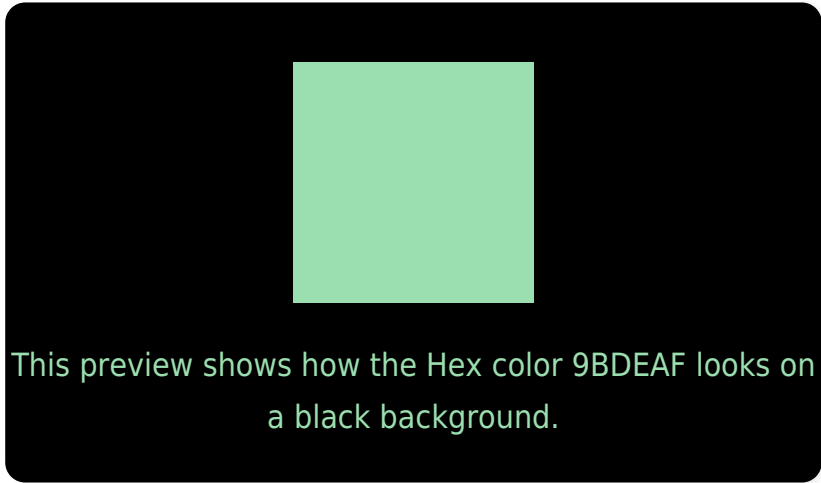
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9BDEAF Background



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

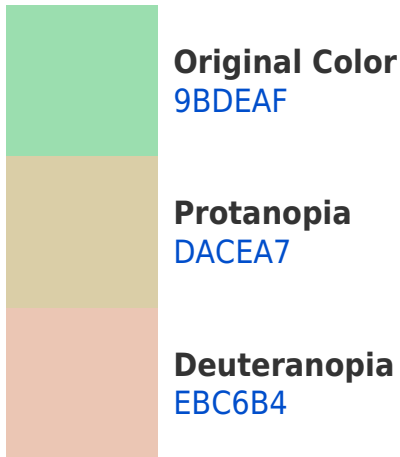


This preview shows how white text looks on a background with the Hex color 9BDEAF.

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
A6D6E8

Trichromacy



Original Color
9BDEAF



Protanomaly
C3D4AA



Deuteranomaly
CECFB2

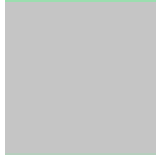


Tritanomaly
A2D9D3

Monochromacy



Original Color
9BDEAF



Achromatopsia
C5C5C5



Achromatomaly
B6CEBD

CSS Examples

Text

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

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

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 #9BDEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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