

# Converting Colors

Hex(9BDDDB4)

Have a look what the booklet for  
Hex(9BDDB4) contains.

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**Color**

**Hex(9BDDDB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDDDB4
RGB	155, 221, 180
RGB Percent	61%, 87%, 71%
CMY	0.3922, 0.1333, 0.2941
CMYK	0.30, 0.00, 0.19, 0.13
HSL	143°, 49%, 74%
HSV	143°, 30%, 87%
XYZ	47.6122, 61.9768, 52.6333
YIQ	196.5920, -26.1750, -26.7430

# Conversions

## Conversions Part 2

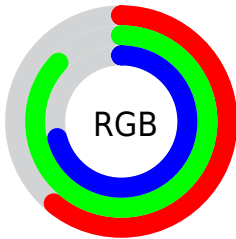
Format	Color
<a href="#">RYB</a>	<a href="#">155, 203, 221</a>
Decimal	<a href="#">10214836</a>
CIELab	<a href="#">82.90, -29.20, 13.56</a>
CIElCh	<a href="#">83, 32.194, 155.097</a>
Yxy	<a href="#">61.9768, 0.2935, 0.3820</a>
Android (android.graphics.Color)	<a href="#">4288404916 (0xFF9BDDDB4)</a>
YUV	<a href="#">196.5920, -8.1799, -36.4762</a>
Hunter-Lab	<a href="#">78.7253, -29.8144, 15.4683</a>

# Details

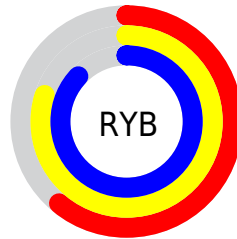
The Hex color **9BDDDB4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD9BC4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFEC**, and **66A67F** is the 20% darker color. If you saturate the color by 10%, you get **85DDA6**, and if you desaturate by 10%, it is **B1DDC2**.

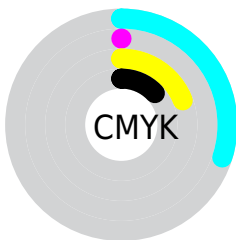
# Distribution



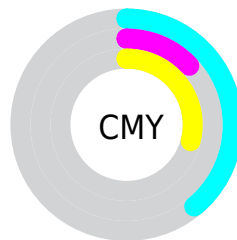
- Red (61%)
- Green (87%)
- Blue (71%)



- Red (61%)
- Yellow (80%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDDDB4 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 9BDDDB4 by changing the saturation by 10% instead.



 9BDDDB4

 9BDDDB4

FFFFFF

 80C199


 D3FFEC

 66A67F

 F0FFFF

 4C8B66

 32714E

 175837

 004021

 002A0C

 001200

 000000

 9BDDB4

 9BDDB4

 85DDA6

 B1DDC2

 6FDD99

 C7DDCF

 59DD8B

 DDDDDD

 43DD7D

 F3DDEB

 2CDD6F

 FFDDF9

 16DD62

 FFDDFF

 00DD54

# Harmonies

## Analogous

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



BED79C



9BDDB4



7DDFD3

# Triad

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



9BDDB4



AFCFFF



FFBBAD

# Complementary

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



9BDD84



DD9BC4

# 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.



FFB8CA



9BDDB4



DAC5FF

# Square

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



9BDDB4



86D8FF



FABCE8



FAC498

# Rectangle

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



9BDDB4



72DFE7



FABCE8



FFBAB6



# Sweetspot

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



9BDDB4



E8FFF1



C5DD9B



718077



000000



808080

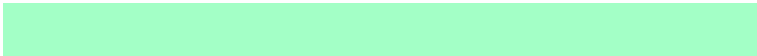


# Same Dimension

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



9BDDB4



A3FFC6



9BDDD4



636E67



00AD42



002E11



# Inverse Universe

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



DD9BC4



FFA3DC



DD9BA4



6E6369



AD006C

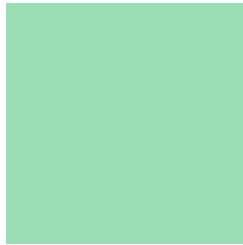


2E001D



# Previews

## White Background



This preview shows how the Hex color 9BDDDB4 looks on a white background.

## Color Contrast Check

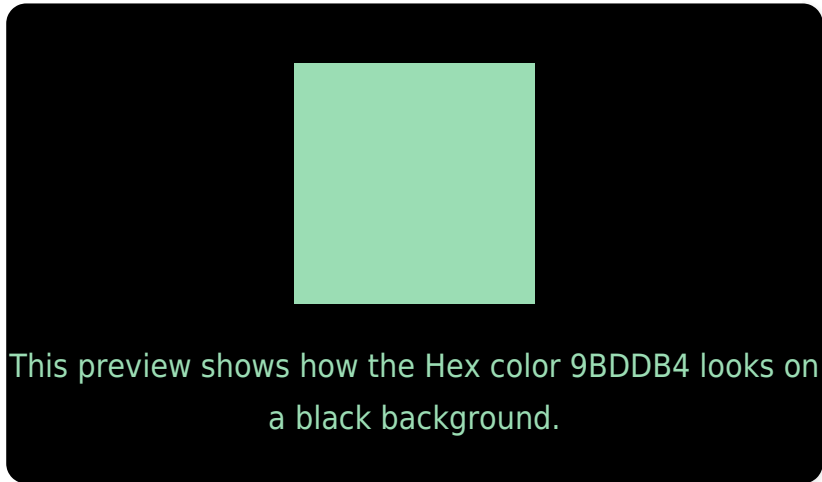
Large Text (above 18pt) WCAG AA × Fail

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 9BDDB4 Background



This preview shows how black text looks on a background with the Hex color 9BDDB4.

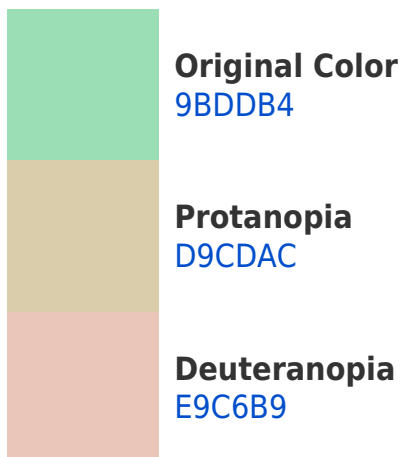


This preview shows how white text looks on a background with the Hex color 9BDDB4.

# 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



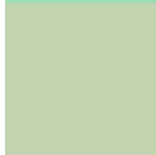


**Tritanopia**  
A5D6E7

# Trichromacy



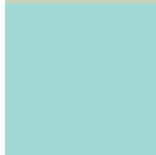
**Original Color**  
9BDDDB4



**Protanomaly**  
C2D3AF



**Deuteranomaly**  
CDCEB7



**Tritanomaly**  
A1D9D4

# Monochromacy



**Original Color**  
9BDDDB4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B6CEBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDDDB4 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 #9BDDDB4 looks like.

```
.text, #text, p{  
    color:#9BDDDB4  
}
```

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 #9BDDDB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDDDB4
}
```

## Border

The CSS property to change the border of an element to Hex 9BDDDB4 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
#9BDDDB4 }
```

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

```
.border{ border-color:#9BDDDB4 }
```

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

Here you see how a box with a 4 pixel #9BDDDB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDDDB4; -webkit-box-shadow:4px 4px  
4px 4px #9BDDDB4; box-shadow:4px 4px 4px  
4px #9BDDDB4 }
```

# Background

The CSS property to change the background color of an element to Hex 9BDDDB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDDDB4 }
```

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

```
.background{ background-color:#9BDDDB4 }
```

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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