

Converting Colors

Hex(9BDD9F)

Have a look what the booklet for
Hex(9BDD9F) contains.

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Color

Hex(9BDD9F)

Conversions

Conversions Part 1

Format	Color
Hex	9BDD9F
RGB	155, 221, 159
RGB Percent	61%, 87%, 62%
CMY	0.3922, 0.1333, 0.3765
CMYK	0.30, 0.00, 0.28, 0.13
HSL	124°, 49%, 74%
HSV	124°, 30%, 87%
XYZ	45.6320, 61.1847, 42.2056
YIQ	194.1980, -19.4340, -33.2740

Conversions

Conversions Part 2

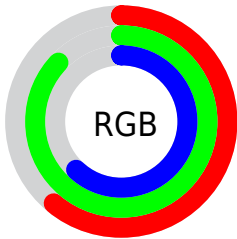
Format	Color
RYB	155, 217, 221
Decimal	10214815
CIELab	82.48, -32.96, 23.96
CIElCh	82, 40.751, 143.980
Yxy	61.1847, 0.3062, 0.4106
Android (android.graphics.Color)	4288404895 (0xFF9BDD9F)
YUV	194.1980, -17.3526, -34.3766
Hunter-Lab	78.2206, -32.7535, 22.7632

Details

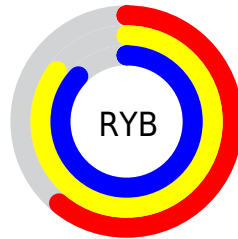
The Hex color **9BDD9F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD9BD9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D3FFD6**, and **66A66B** is the 20% darker color. If you saturate the color by 10%, you get **85DD8A**, and if you desaturate by 10%, it is **B1DDB4**.

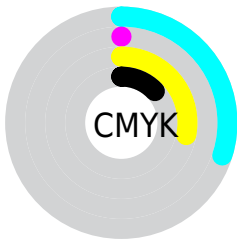
Distribution



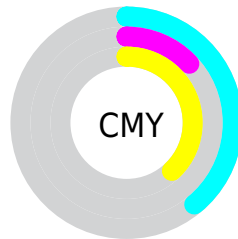
- Red (61%)
- Green (87%)
- Blue (62%)



- Red (61%)
- Yellow (85%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDD9F 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 9BDD9F by changing the saturation by 10% instead.

 9BDD9F

 9BDD9F

FFFFFF

 80C185


 D3FFD6

 66A66B

 F0FFF2

 4C8B53

 32713B

 155824

 00400E

 002A00

 001000

 000000

 9BDD9F

 9BDD9F

 85DD8A

 B1DDB4

 6FDD75

 C7DDC9

 59DD61

 DDDDDD

 43DD4C

 F3DDF2

 2CDD37

 FFDDFF

 16DD22

 00DD0E

 00DD0D

Harmonies

Analogous

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



C7D486



9BDD9F



6BE1C4

Triad

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



9BDD9F



8BD3FF



FFB2B0

Complementary

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



9BDD9F



DD9BD9

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.



FFB0D7



9BDD9F



C7C6FF

Square

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



9BDD9F



4EDDFE



F6B9FB



FFBB91

Rectangle

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



9BDD9F



4CE2DE



F6B9FB



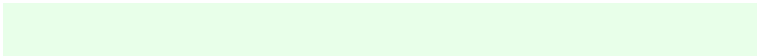
FFB0BD

Sweetspot

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



9BDD9F



E8FFE9



DADD9B



718072



000000



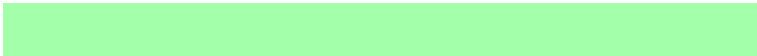
808080

Same Dimension

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



9BDD9F



A3FFA9



9BDDBF



636E63



00AD0B



002E03

Inverse Universe

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



DD9BD9



FFA3F9



DD9BB9



6E636D



AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 9BDD9F looks on a white background.

Color Contrast Check

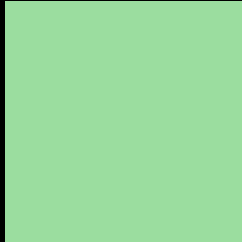
Large Text (above 18pt) WCAG AA × Fail

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 9BDD9F 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 9BDD9F Background



This preview shows how black text looks on a background with the Hex color 9BDD9F.

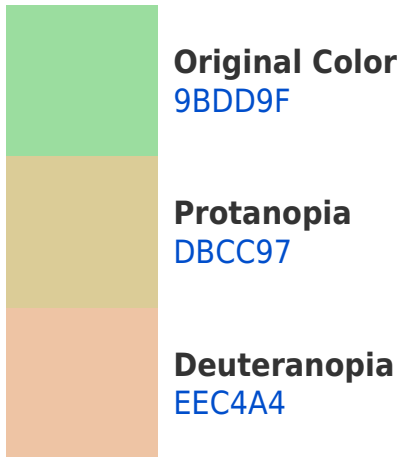


This preview shows how white text looks on a background with the Hex color 9BDD9F.

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
A8D4E5

Trichromacy



Original Color
9BDD9F



Protanomaly
C4D29A



Deuteranomaly
D0CDA2



Tritanomaly
A3D7CC

Monochromacy



Original Color
9BDD9F



Achromatopsia
C2C2C2



Achromatomaly
B4CCB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDD9F 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 #9BDD9F looks like.

```
.text, #text, p{  
    color:#9BDD9F  
}
```

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 #9BDD9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDD9F  
}
```

Border

The CSS property to change the border of an element to Hex 9BDD9F 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  
#9BDD9F }
```

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

```
.border{ border-color:#9BDD9F }
```

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

Here you see how a box with a 4 pixel #9BDD9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDD9F; -webkit-box-shadow:4px 4px  
4px 4px #9BDD9F; box-shadow:4px 4px 4px  
4px #9BDD9F }
```

Background

The CSS property to change the background color of an element to Hex 9BDD9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDD9F }
```

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

```
.background{ background-color:#9BDD9F }
```

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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