

Converting Colors

Hex(9BDFCE)

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

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Color

Hex(9BDFCE)

Conversions

Conversions Part 1

Format	Color
Hex	9BDFCE
RGB	155, 223, 206
RGB Percent	61%, 87%, 81%
CMY	0.3922, 0.1255, 0.1922
CMYK	0.30, 0.00, 0.08, 0.13
HSL	165°, 52%, 74%
HSV	165°, 30%, 87%
XYZ	51.0458, 64.2001, 68.0940
YIQ	200.7300, -35.0710, -19.7030

Conversions

Conversions Part 2

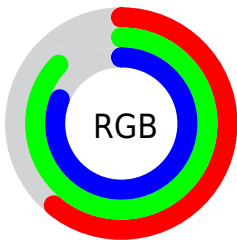
Format	Color
RYB	155, 194, 223
Decimal	10215374
CIELab	84.07, -24.91, 1.50
CIElCh	84, 24.959, 176.551
Yxy	64.2001, 0.2784, 0.3502
Android (android.graphics.Color)	4288405454 (0xFF9BDFCE)
YUV	200.7300, 2.5981, -40.1052
Hunter-Lab	80.1250, -26.5004, 5.7001

Details

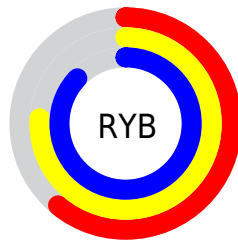
The Hex color **9BDFCE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9BAC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D3FFFF**, and **65A898** is the 20% darker color. If you saturate the color by 10%, you get **85DFC8**, and if you desaturate by 10%, it is **B1DFD4**.

Distribution



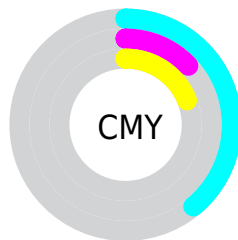
- Red (61%)
- Green (87%)
- Blue (81%)



- Red (61%)
- Yellow (76%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 9BDFCE

 9BDFCE

FFFFFF

 80C3B3

 D3FFFF

 65A898

 F0FFFF

 4B8D7E

 307365

 135A4D

 004236

 002C21

 00170A

 000000

 9BDFCE

 9BDFCE

 85DFC8

 B1DFD4

 6EDFC3

 C8DFD9

 58DFBD

 DEDDFD

 42DFB8

 F4DFE4

 2BDFB2

 FFDFEA

 15DFAD

 FFDFEF

 00DFA7

 FFDFF5

 FFDFFB

 FFDFFF

Harmonies

Analogous

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



B2DCB7



9BDFCE



90DFE6

Triad

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



9BDFCE



D2CDFC



F9C8AB

Complementary

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



9BDFCE



DF9BAC

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.



FFC2BE



9BDFCE



EEC5EC

Square

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



9BDFCE



B2D5FF



FFC1D5



E6CFA3

Rectangle

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



9BDFCE



93DDF3



FFC1D5



FDC5B1

Sweetspot

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



9BDFCE



E8FFF9



ACDF9B



71807C



000000



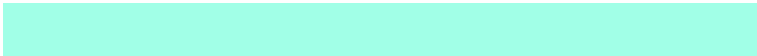
808080

Same Dimension

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



9BDFCE



A1FFE7



9BCEDF



65706D



00B084



003024

Inverse Universe

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



DF9BAC



FFA1B8



DFAC9B



706568



B0002C



30000C

Previews

White Background



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

Color Contrast Check

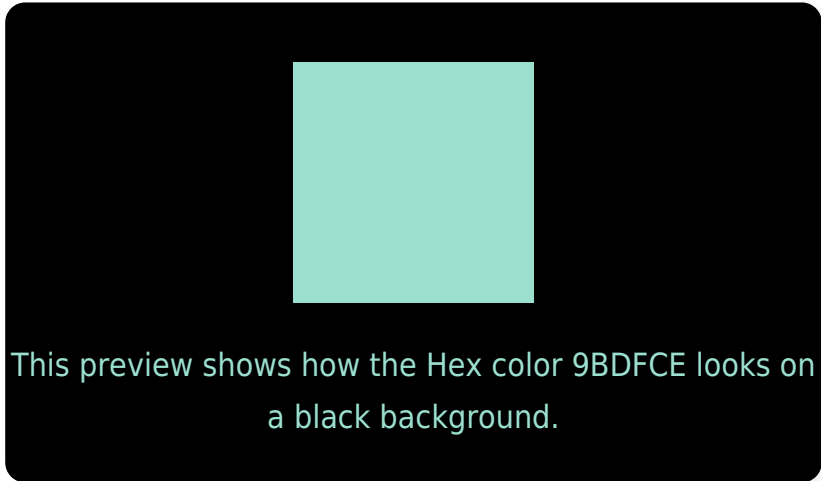
Large Text (above 18pt) WCAG AA × Fail

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

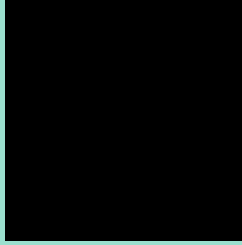
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

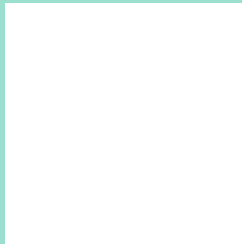
Any Text WCAG AAA ✓ Pass

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

Hex 9BDFCE Background



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

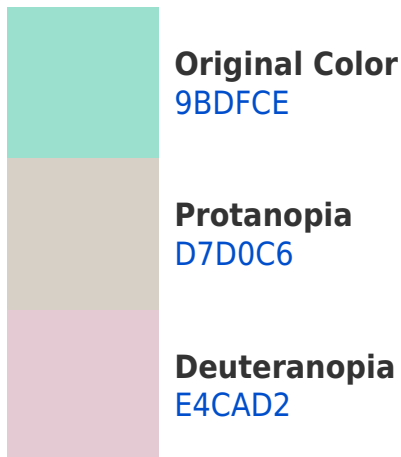


This preview shows how white text looks on a background with the Hex color 9BDFCE.

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



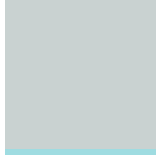
Trichromacy



Original Color
9BDFCE



Protanomaly
C1D5C9



Deuteranomaly
C9D2D1

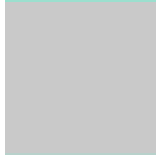


Tritanomaly
9FDCE1

Monochromacy



Original Color
9BDFCE



Achromatopsia
C9C9C9



Achromatomaly
B8D1CB

CSS Examples

Text

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

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

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 #9BDFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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