

# Converting Colors

Hex(9ADB00)

Have a look what the booklet for  
Hex(9ADB0) contains.

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# **Color**

**Hex(9ADB00)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9ADB D0                      |
| RGB         | 154, 219, 208                |
| RGB Percent | 60%, 86%, 82%                |
| CMY         | 0.3961, 0.1412, 0.1843       |
| CMYK        | 0.30, 0.00, 0.05, 0.14       |
| HSL         | 170°, 47%, 73%               |
| HSV         | 170°, 30%, 86%               |
| XYZ         | 50.0431, 62.0871, 69.0210    |
| YIQ         | 198.3110, -35.2090, -17.2010 |

# Conversions

## Conversions Part 2

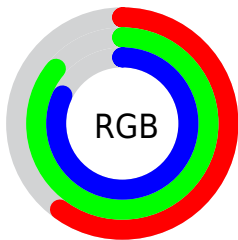
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">154, 190, 219</a>                  |
| Decimal                             | <a href="#">10148816</a>                       |
| CIELab                              | <a href="#">82.96, -22.81, -1.19</a>           |
| CIELCh                              | <a href="#">83, 22.838, 182.975</a>            |
| Yxy                                 | <a href="#">62.0871, 0.2763,<br/>0.3427</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288338896<br/>(0xFF9ADB0)</a>     |
| YUV                                 | <a href="#">198.3110, 4.7767,<br/>-38.8607</a> |
| Hunter-Lab                          | <a href="#">78.7954, -24.5262,<br/>3.2216</a>  |

# Details

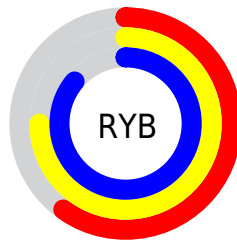
The Hex color **9ADBD0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9AA5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D2FFFF**, and **64A49A** is the 20% darker color. If you saturate the color by 10%, you get **84DBCC**, and if you desaturate by 10%, it is **B0DBD4**.

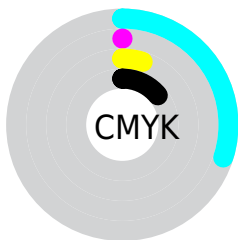
# Distribution



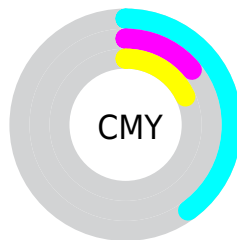
- Red (60%)
- Green (86%)
- Blue (82%)



- Red (60%)
- Yellow (75%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (40%)
- Magenta (14%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ADBBD0 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 9ADBBD0 by changing the saturation by 10% instead.



 9ADBD0

 9ADBD0

FFFFFF

 7FBFB4

 D2FFFF

 64A49A

 EFFFFFF

 4A8980

 307067

 12574F

 003F38

 002923

 00130D

 000000

 9ADBDO

 9ADBDO

 84DBCC

 B0DBD4

 6EDBC9

 C6DBD7

 58DBC5

 DCDBDB

 42DBC1

 F2DBDF

 2DDBBD

 FFDBE3

 17DBBA

 FFDBE6

 01DBB6

 FFDBEA

 00DBB6

 FFDBEE

 FFDBF1

# Harmonies

## Analogous

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



ADD9BA



9ADB00



94DAE5

# Triad

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



9ADB00



D5C8F3



F0C7A9

# Complementary

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



9ADB00



DB9AA5

# 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.



FAC1B8



9ADB00



ECC2E2

# Square

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



9ADBD0



B9D0F9



F9BFCD



DDCEA4

# Rectangle

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



9ADB00



9AD8F0



F9BFCD



F4C5AD



# Sweetspot

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



9ADB00



E8FFFB



A6DB9A



71807D



000000



808080



# Same Dimension

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



9ADBDO



A3FFEF



9AC6DB



636E6C



00AD90



002E26



# Inverse Universe

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



DB9AA5



FFA3B3



DBAF9A



6E6365



AD001D

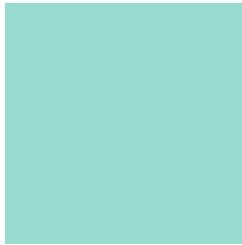


2E0008



# Previews

## White Background



This preview shows how the Hex color 9ADBD0 looks on a white background.

## Color Contrast Check

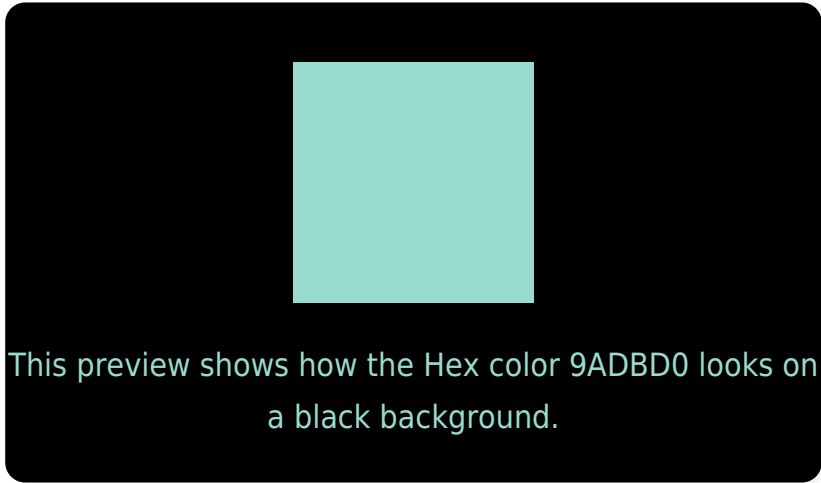
Large Text (above 18pt) WCAG AA × Fail

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

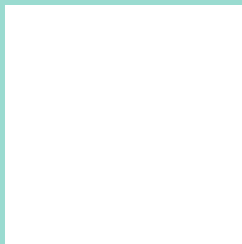
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ADB0D Background



This preview shows how black text looks on a background with the Hex color 9ADB0D.

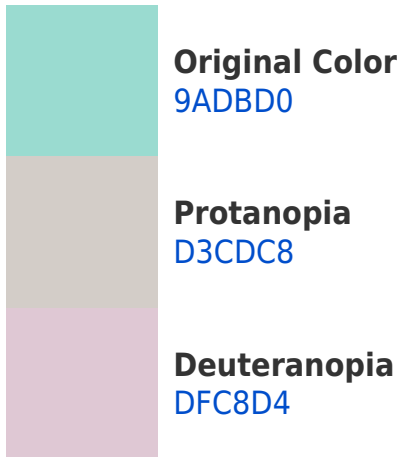


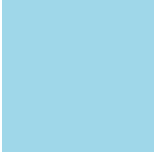
This preview shows how white text looks on a background with the Hex color 9ADB0D.

# 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



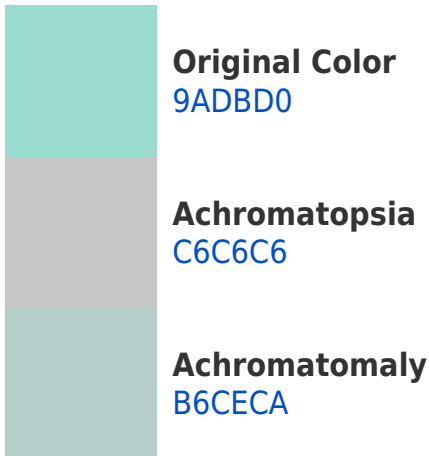


**Tritanopia**  
9FD7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ADBBD0 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 #9ADBBD0 looks like.

```
.text, #text, p{  
    color:#9ADBBD0  
}
```

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 #9ADBBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ADBBD0
}
```

## Border

The CSS property to change the border of an element to Hex 9ADBBD0 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
#9ADBBD0 }
```

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

```
.border{ border-color:#9ADB00 }
```

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

Here you see how a box with a 4 pixel #9ADB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ADB00; -webkit-box-shadow:4px 4px  
4px 4px #9ADB00; box-shadow:4px 4px 4px  
4px #9ADB00 }
```

# Background

The CSS property to change the background color of an element to Hex 9ADB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ADB00 }
```

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

```
.background{ background-color:#9ADB00 }
```

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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