

# Converting Colors

Hex(9DABA9)

Have a look what the booklet for  
Hex(9DABA9) contains.

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# **Color**

**Hex(9DABA9)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9DABA9                     |
| RGB         | 157, 171, 169              |
| RGB Percent | 62%, 67%, 66%              |
| CMY         | 0.3843, 0.3294, 0.3373     |
| CMYK        | 0.08, 0.00, 0.01, 0.33     |
| HSL         | 171°, 8%, 64%              |
| HSV         | 171°, 8%, 67%              |
| XYZ         | 35.6290, 39.1585, 43.2166  |
| YIQ         | 166.5860, -7.7020, -3.5900 |

# Conversions

## Conversions Part 2

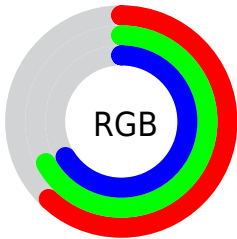
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 157, 165, 171                |
| Decimal                             | 10333097                     |
| CIELab                              | 68.87, -5.29, -0.66          |
| CIElCh                              | 69, 5.326, 187.120           |
| Yxy                                 | 39.1585, 0.3019,<br>0.3318   |
| Android<br>(android.graphics.Color) | 4288523177<br>(0xFF9DABA9)   |
| YUV                                 | 166.5860, 1.1901,<br>-8.4069 |
| Hunter-Lab                          | 62.5767, -7.8778,<br>2.8570  |

# Details

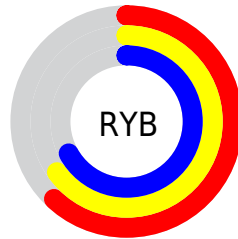
The Hex color **9DABA9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB9D9F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4E2E0**, and **6A7775** is the 20% darker color. If you saturate the color by 10%, you get **8CABA7**, and if you desaturate by 10%, it is **AEABAB**.

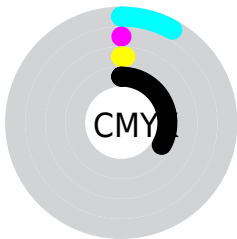
# Distribution



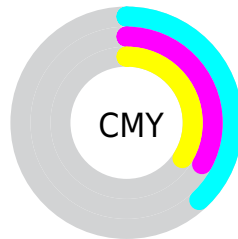
- Red (62%)
- Green (67%)
- Blue (66%)



- Red (62%)
- Yellow (65%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DABA9 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 9DABA9 by changing the saturation by 10% instead.



■ 9DABA9

FFFFFF

■ D4E2E0

■ F0FFFD

■ 9DABA9

■ 83908F

■ 6A7775

■ 515E5C

■ 3A4745

■ 25302F

■ 101B1A

■ 000000

■ 9DABA9

■ 8CABA7

■ 9DABA9

■ AEABAB

 7BABA4

 BFABAE

 6AABA2

 D0ABB0

 59AB9F

 E1ABB3

 48AB9D

 F2ABB5

 36AB9A

 FFABB8

 25AB98

 FFABBA

 14AB95

 FFABBD

 03AB93

 FFABBF

# Harmonies

## Analogous

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



A0ABA4



9DABA9



9DABAE

# Triad

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



9DABA9



ABA6B0



B0A69F

# Complementary

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



9DABA9



AB9D9F

# 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.



B2A5A2



9DABA9



B0A5AC

# Square

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



9DABA9



A5A8B1



B2A5A7



ABA89F

# Rectangle

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



9DABA9



9EAAB0



B2A5A7



B1A6A0



# Sweetspot

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



9DABA9



D9DEDD



9FAB9D



6E7070



F0F0F0



707070



# Same Dimension

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



9DABA9



C8DEDB



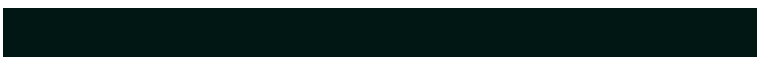
9DA6AB



4E5755



009681



001714



# Inverse Universe

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



AB9D9F



DEC8CB



ABA29D



574E4F



960015

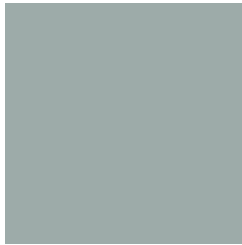


170003



# Previews

## White Background



This preview shows how the Hex color 9DABA9 looks on a white background.

## Color Contrast Check

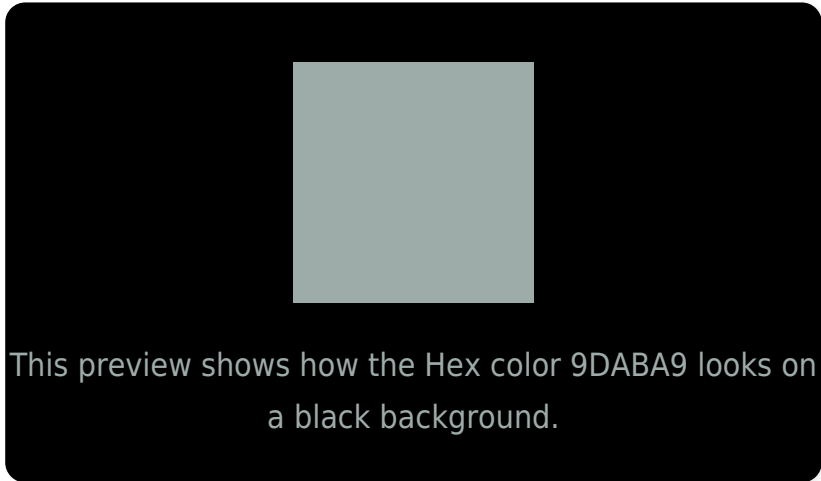
Large Text (above 18pt) WCAG AA × Fail

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

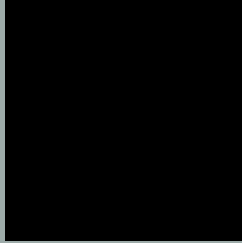
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

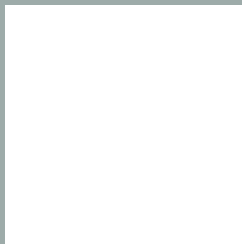
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DABA9 Background



This preview shows how black text looks on a background with the Hex color 9DABA9.



This preview shows how white text looks on a background with the Hex color 9DABA9.

# 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**  
9FA9B6

# Trichromacy



**Original Color**  
9DABA9

**Protanomaly**  
A6A8A8

**Deuteranomaly**  
AEA6AA

**Tritanomaly**  
9EAAB1

# Monochromacy



**Original Color**  
9DABA9

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A3A8A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DABA9 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 #9DABA9 looks like.

```
.text, #text, p{  
    color:#9DABA9  
}
```

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 #9DABA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DABA9
}
```

## Border

The CSS property to change the border of an element to Hex 9DABA9 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
#9DABA9 }
```

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

```
.border{ border-color:#9DABA9 }
```

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

Here you see how a box with a 4 pixel #9DABA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DABA9; -webkit-box-shadow:4px 4px  
4px 4px #9DABA9; box-shadow:4px 4px 4px  
4px #9DABA9 }
```

# Background

The CSS property to change the background color of an element to Hex 9DABA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DABA9 }
```

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

```
.background{ background-color:#9DABA9 }
```

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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