

Converting Colors

Hex(9DAEB5)

Have a look what the booklet for
Hex(9DAEB5) contains.

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Color

Hex(9DAEB5)

Conversions

Conversions Part 1

Format	Color
Hex	9DAEB5
RGB	157, 174, 181
RGB Percent	62%, 68%, 71%
CMY	0.3843, 0.3176, 0.2902
CMYK	0.13, 0.04, 0.00, 0.29
HSL	198°, 14%, 66%
HSV	198°, 13%, 71%
XYZ	37.3812, 40.7764, 49.6165
YIQ	169.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

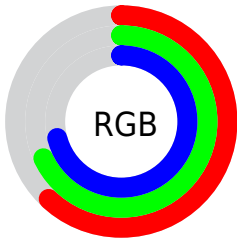
Format	Color
RYB	157, 167, 181
Decimal	10333877
CIELab	70.02, -4.44, -5.60
CIELCh	70, 7.143, 231.575
Yxy	40.7764, 0.2926, 0.3191
Android (android.graphics.Color)	4288523957 (0xFF9DAEB5)
YUV	169.7150, 5.5635, -11.1511
Hunter-Lab	63.8564, -7.2558, -1.3689

Details

The Hex color **9DAEB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5A49D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D4E5ED**, and **697A80** is the 20% darker color. If you saturate the color by 10%, you get **8BA9B5**, and if you desaturate by 10%, it is **AFB3B5**.

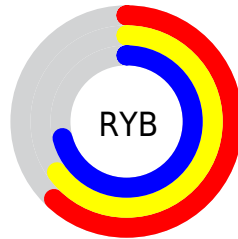
Distribution



Red (62%)

Green (68%)

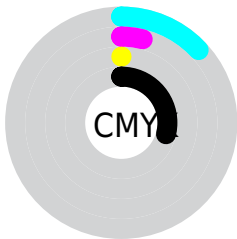
Blue (71%)



Red (62%)

Yellow (65%)

Blue (71%)

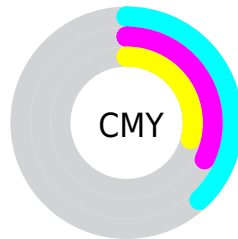


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DAEB5 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 9DAEB5 by changing the saturation by 10% instead.



9DAEB5



9DAEB5

FFFFFF



83939A



D4E5ED



697A80



F0FFFF



516167



3A494F



243338



0F1E23



00010D



000000



9DAEB5



9DAEB5

8BA9B5

AFB3B5

79A3B5

C1B9B5

679EB5

D3BEB5

5599B5

E5C3B5

4394B5

F8C8B5

308EB5

FFCEB5

1E89B5

FFD3B5

0C84B5

FFD8B5

0080B5

FFDEB5

Harmonies

Analogous

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



9BAFB0



9DAEB5



A3ACB8

Triad

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



9DAEB5



B7A7AD



ABAC9F

Complementary

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



9DAEB5



B5A49D

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.



B3AA9E



9DAEB5



B9A7A7

Square

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



9DAEB5



B2A8B3



B8A8A1



A4AEA3

Rectangle

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



9DAEB5



A8ABB8



B8A8A1



AEAB9E

Sweetspot

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



9DAEB5



E1E8EB



9DB5A4



6F7475



F5F5F5



757575

Same Dimension

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



9DAEB5



C5E0EB



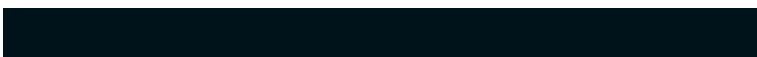
9DA2B5



505759



006C99



00121A

Inverse Universe

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



B59DAE



EBC5E0



B5B09D



595057



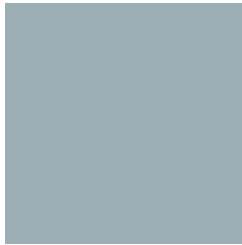
99006C



1A0012

Previews

White Background



This preview shows how the Hex color 9DAEB5 looks on a white background.

Color Contrast Check

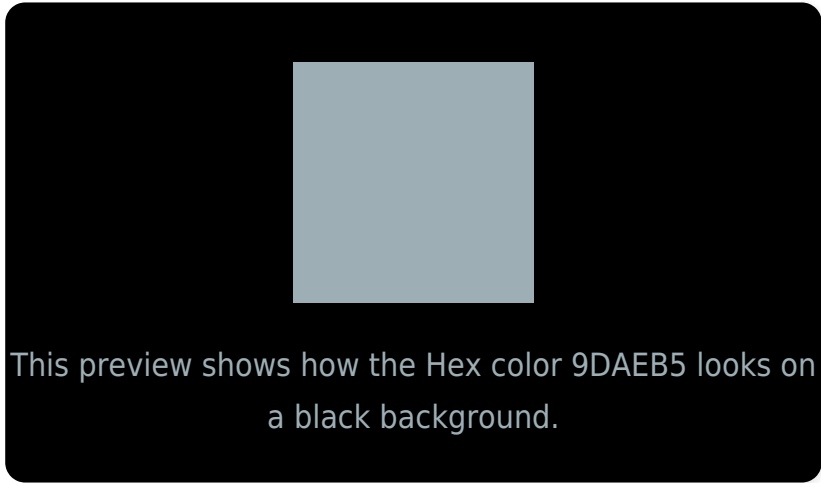
Large Text (above 18pt) WCAG AA × Fail

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

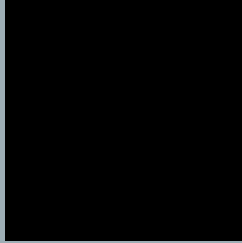
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

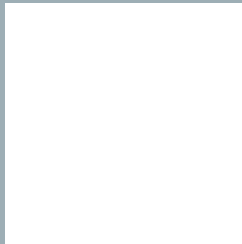
Any Text WCAG AAA ✓ Pass

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

Hex 9DAEB5 Background



This preview shows how black text looks on a background with the Hex color 9DAEB5.

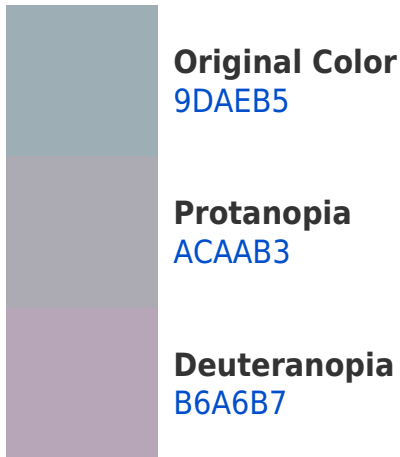


This preview shows how white text looks on a background with the Hex color 9DAEB5.

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
9EADBB

Trichromacy



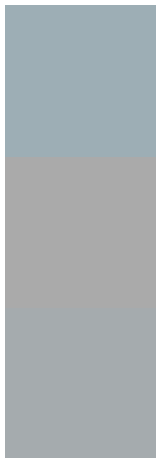
Original Color
9DAEB5

Protanomaly
A7ABB4

Deuteranomaly
ADA9B6

Tritanomaly
9EADB9

Monochromacy



Original Color
9DAEB5

Achromatopsia
AAAAAA

Achromatomaly
A5ABAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DAEB5 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 #9DAEB5 looks like.

```
.text, #text, p{  
    color:#9DAEB5  
}
```

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 #9DAEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAEB5
}
```

Border

The CSS property to change the border of an element to Hex 9DAEB5 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
#9DAEB5 }
```

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

```
.border{ border-color:#9DAEB5 }
```

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

Here you see how a box with a 4 pixel #9DAEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAEB5; -webkit-box-shadow:4px 4px  
4px 4px #9DAEB5; box-shadow:4px 4px 4px  
4px #9DAEB5 }
```

Background

The CSS property to change the background color of an element to Hex 9DAEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAEB5 }
```

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

```
.background{ background-color:#9DAEB5 }
```

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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