

# Converting Colors

Hex(9CAED5)

Have a look what the booklet for  
Hex(9CAED5) contains.

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# **Color**

**Hex(9CAED5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAED5
RGB	156, 174, 213
RGB Percent	61%, 68%, 84%
CMY	0.3882, 0.3176, 0.1647
CMYK	0.27, 0.18, 0.00, 0.16
HSL	221°, 40%, 72%
HSV	221°, 27%, 84%
XYZ	40.8566, 42.1441, 68.9320
YIQ	173.0640, -23.2470, 8.3130

# Conversions

## Conversions Part 2

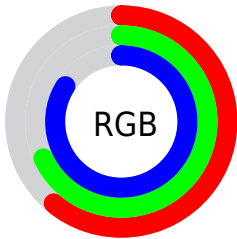
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 170, 213
Decimal	10268373
CIELab	70.97, 2.48, -21.78
CIElCh	71, 21.924, 276.492
Yxy	42.1441, 0.2689, 0.2774
Android (android.graphics.Color)	4288458453 (0xFF9CAED5)
YUV	173.0640, 19.6884, -14.9651
Hunter-Lab	64.9185, -1.2680, -17.5126

# Details

The Hex color **9CAED5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5C39C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D3E5FF**, and **677A9E** is the 20% darker color. If you saturate the color by 10%, you get **879FD5**, and if you desaturate by 10%, it is **B1BDD5**.

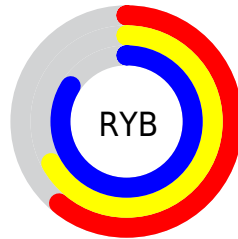
# Distribution



Red (61%)

Green (68%)

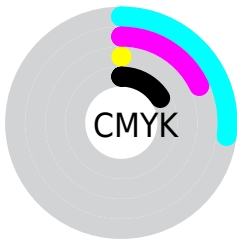
Blue (84%)



Red (61%)

Yellow (67%)

Blue (84%)

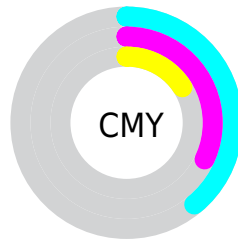


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (39%)

Magenta (32%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CAED5 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 9CAED5 by changing the saturation by 10% instead.



■ 9CAED5

■ 9CAED5

FFFFFF

■ 8193B9

■ D3E5FF

■ 677A9E

■ F0FFFF

■ 4E6184

■ 36496B

■ 1D3352

■ 011E3B

■ 000426

■ 00010F

■ 000000

 9CAED5

 9CAED5

 879FD5

 B1BDD5

 7191D5

 C7CBD5

 5C82D5

 DCDAD5

 4774D5

 F1E8D5

 3165D5

 FFF7D5

 1C57D5

 FFFFD5

 0748D5

 0043D5

# Harmonies

## Analogous

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



83B4D2



9CAED5



B7A7CE

# Triad

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



9CAED5



D5A297



8CB89D

# Complementary

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



9CAED5



D5C39C

# 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.



A2B48D



9CAED5



CBA78A

# Square

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



9CAED5



D69FAA



B8AE86



7BB9B1

# Rectangle

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



9CAED5



C5A3C4



B8AE86



93B797



# Sweetspot

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



9CAED5



EBF1FF



9CD5C3



737780



000000



808080



# Same Dimension

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



9CAED5



ADC7FF



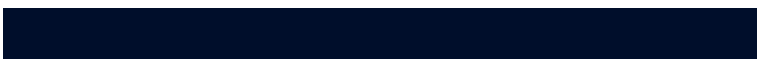
A69CD5



60646B



0036AB



000E2B



# Inverse Universe

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



D59CAE



FFADC7



CBD59C



6B6064



AB0036

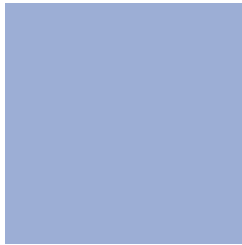


2B000E



# Previews

## White Background



This preview shows how the Hex color 9CAED5 looks on a white background.

## Color Contrast Check

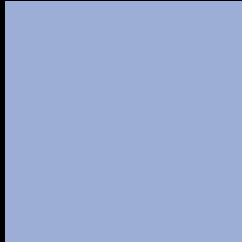
Large Text (above 18pt) WCAG AA × Fail

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 9CAED5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

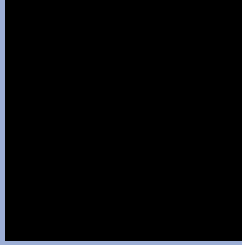
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

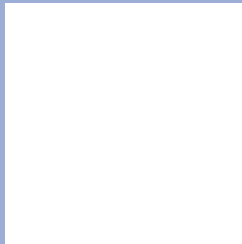
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CAED5 Background



This preview shows how black text looks on a background with the Hex color 9CAED5.



This preview shows how white text looks on a background with the Hex color 9CAED5.

# 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



**Original Color**  
9CAED5

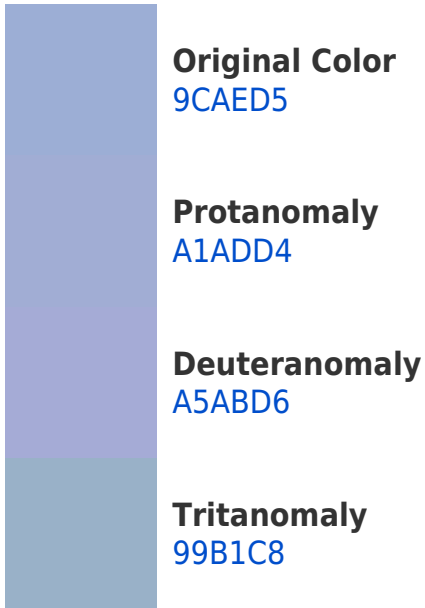
**Protanopia**  
A4ACD3

**Deuteranopia**  
AAAAD6

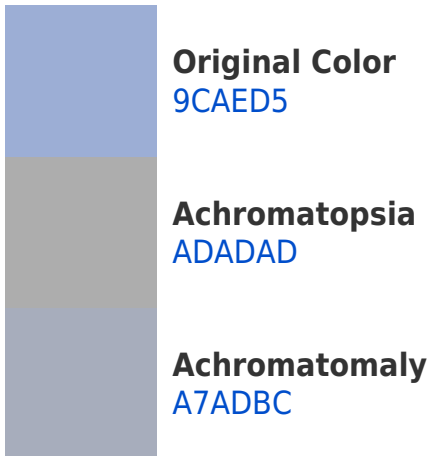


**Tritanopia**  
98B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CAED5 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 #9CAED5 looks like.

```
.text, #text, p{  
    color:#9CAED5  
}
```

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 #9CAED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAED5
}
```

## Border

The CSS property to change the border of an element to Hex 9CAED5 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
#9CAED5 }
```

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

```
.border{ border-color:#9CAED5 }
```

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

Here you see how a box with a 4 pixel #9CAED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAED5; -webkit-box-shadow:4px 4px  
4px 4px #9CAED5; box-shadow:4px 4px 4px  
4px #9CAED5 }
```

# Background

The CSS property to change the background color of an element to Hex 9CAED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAED5 }
```

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

```
.background{ background-color:#9CAED5 }
```

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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