

# Converting Colors

Hex(99DAE7)

Have a look what the booklet for  
Hex(99DAE7) contains.

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# **Color**

**Hex(99DAE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99DAE7
RGB	153, 218, 231
RGB Percent	60%, 85%, 91%
CMY	0.4000, 0.1451, 0.0941
CMYK	0.34, 0.06, 0.00, 0.09
HSL	190°, 62%, 75%
HSV	190°, 34%, 91%
XYZ	52.6321, 62.6846, 84.9266
YIQ	200.0470, -42.9130, -9.7370

# Conversions

## Conversions Part 2

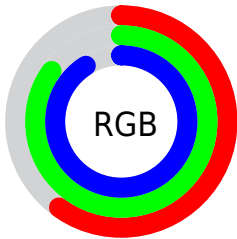
Format	Color
R <sub>YB</sub>	153, 188, 231
Decimal	10083047
CIE Lab	83.28, -17.33, -12.94
CIE LCh	83, 21.622, 216.747
Yxy	62.6846, 0.2628, 0.3130
Android (android.graphics.Color)	4288273127 (0xFF99DAE7)
YUV	200.0470, 15.2598, -41.2602
Hunter-Lab	79.1736, -19.8928, -8.1767

# Details

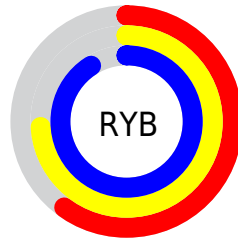
The Hex color **99DAE7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7A699**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D2FFFF**, and **62A3AF** is the 20% darker color. If you saturate the color by 10%, you get **82D6E7**, and if you desaturate by 10%, it is **B0DEE7**.

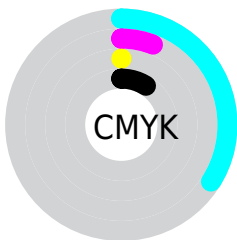
# Distribution



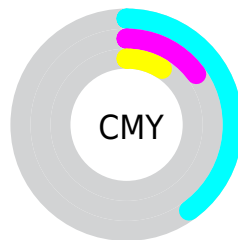
- Red (60%)
- Green (85%)
- Blue (91%)



- Red (60%)
- Yellow (74%)
- Blue (91%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99DAE7 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 99DAE7 by changing the saturation by 10% instead.



■ 99DAE7

FFFFFF

■ D2FFFF

■ EFFFFFF

■ 99DAE7

■ 7DBECB

■ 62A3AF

■ 478995

■ 2B6F7B

■ 055762

■ 003F4A

■ 002934

■ 00151F

■ 000003

■ 99DAE7

■ 99DAE7

■ 82D6E7

■ B0DEE7

■ 6BD2E7

■ C7E2E7

■ 54CEE7

■ DEE6E7

■ 3DCBE7

■ F5E9E7

■ 26C7E7

■ FFEDE7

■ 0EC3E7

■ FFF1E7

■ 00C0E7

■ FFF5E7

■ FFF9E7

■ FFFDE7

# Harmonies

## Analogous

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



9DDBD3



99DAE7



A6D6F4

# Triad

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



99DAE7



EEC3E0



DBD0A7

# Complementary

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



99DAE7



E7A699

# 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.



EDC9AB



99DAE7



F9C1CB

# Square

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



99DAE7



D9C9F0



F8C3B8



C4D6AF

# Rectangle

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



99DAE7



B5D2F8



F8C3B8



E1CDA7



# Sweetspot

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



99DAE7



E6FBFF



99E7A6



707D80



000000



808080

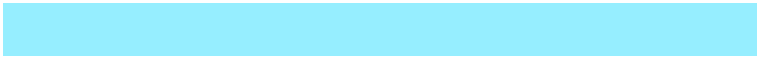


# Same Dimension

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



99DAE7



96EEFF



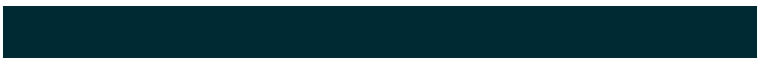
99B3E7



677173



0095B3



002A33



# Inverse Universe

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



E799DA



FF96EE



E7CD99



736771



B30095

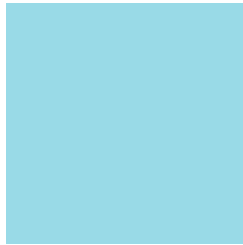


33002B



# Previews

## White Background



This preview shows how the Hex color 99DAE7 looks on a white background.

## Color Contrast Check

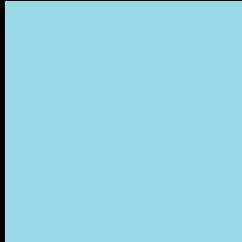
Large Text (above 18pt) WCAG AA × Fail

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 99DAE7 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 99DAE7 Background



This preview shows how black text looks on a background with the Hex color 99DAE7.

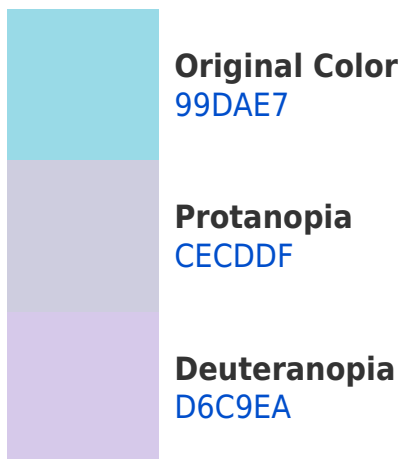


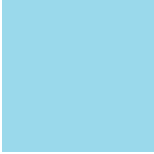
This preview shows how white text looks on a background with the Hex color 99DAE7.

# 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](#).

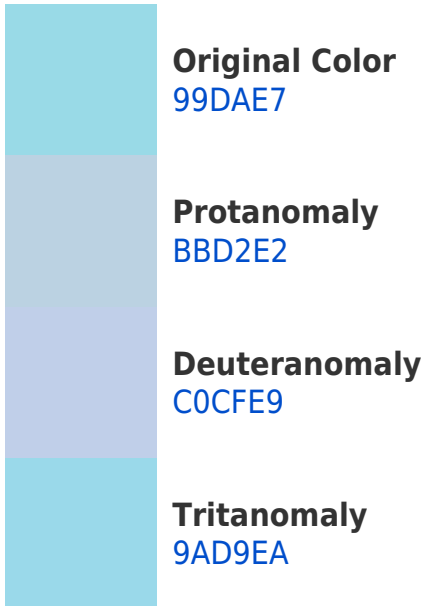
## Dichromacy



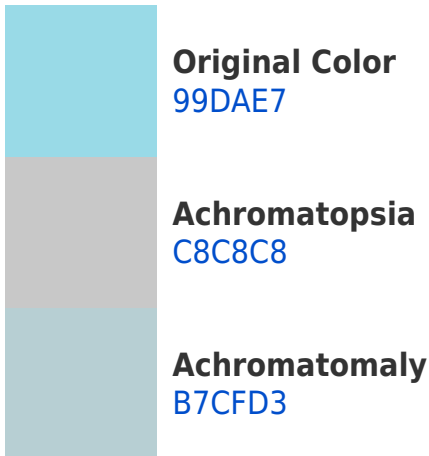


**Tritanopia**  
9AD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99DAE7 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 #99DAE7 looks like.

```
.text, #text, p{  
    color:#99DAE7  
}
```

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 #99DAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DAE7
}
```

## Border

The CSS property to change the border of an element to Hex 99DAE7 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
#99DAE7 }
```

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

```
.border{ border-color:#99DAE7 }
```

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

Here you see how a box with a 4 pixel #99DAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DAE7; -webkit-box-shadow:4px 4px  
4px 4px #99DAE7; box-shadow:4px 4px 4px  
4px #99DAE7 }
```

# Background

The CSS property to change the background color of an element to Hex 99DAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DAE7 }
```

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

```
.background{ background-color:#99DAE7 }
```

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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