

# Converting Colors

Hex(99DCE9)

Have a look what the booklet for  
Hex(99DCE9) contains.

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# **Color**

**Hex(99DCE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99DCE9
RGB	153, 220, 233
RGB Percent	60%, 86%, 91%
CMY	0.4000, 0.1373, 0.0863
CMYK	0.34, 0.06, 0.00, 0.09
HSL	190°, 65%, 76%
HSV	190°, 34%, 91%
XYZ	53.4380, 63.8419, 86.5970
YIQ	201.4490, -44.1050, -10.1610

# Conversions

## Conversions Part 2

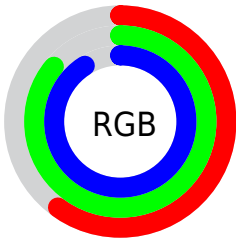
Format	Color
<a href="#">RYB</a>	<a href="#">153, 189, 233</a>
Decimal	<a href="#">10083561</a>
CIELab	<a href="#">83.88, -17.86, -13.09</a>
CIElCh	<a href="#">84, 22.140, 216.239</a>
Yxy	<a href="#">63.8419, 0.2621, 0.3131</a>
Android (android.graphics.Color)	<a href="#">4288273641</a> ( <a href="#">0xFF99DCE9</a> )
YUV	<a href="#">201.4490, 15.5546, -42.4898</a>
Hunter-Lab	<a href="#">79.9011, -20.4458, -8.3279</a>

# Details

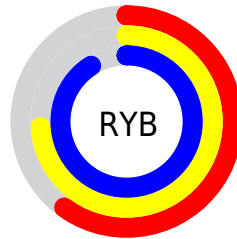
The Hex color **99DCE9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E9A699**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D2FFFF**, and **62A5B1** is the 20% darker color. If you saturate the color by 10%, you get **82D8E9**, and if you desaturate by 10%, it is **B0E0E9**.

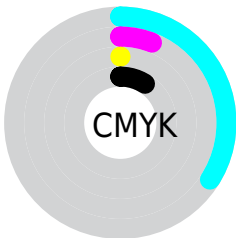
# Distribution



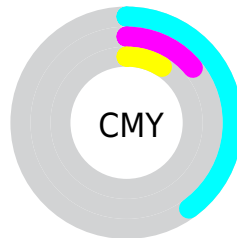
- Red (60%)
- Green (86%)
- Blue (91%)



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



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



- Cyan (40%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99DCE9 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 99DCE9 by changing the saturation by 10% instead.



 99DCE9

 99DCE9

FFFFFF

 7DC0CD

 D2FFFF

 62A5B1

 EFFFFFF

 478A97

 2A717D

 025864

 00414C

 002A35

 001720

 000006

99DCE9

99DCE9

82D8E9

B0E0E9

6AD4E9

C8E4E9

53D1E9

DFE7E9

3CCDE9

F6EBE9

25C9E9

FFEFE9

0DC5E9

FFF3E9

00C3E9

FFF7E9

FFFAE9

FFFEE9

# Harmonies

## Analogous

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



9DDDD5



99DCE9



A6D8F7

# Triad

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



99DCE9



F0C5E2



DDD1A8

# Complementary

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



99DCE9



E9A699

# 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.



F0CAAC



99DCE9



FCC2CD

# Square

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



99DCE9



DACAF3



FBC5B9



C5D7AF

# Rectangle

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



99DCE9



B6D4FA



FBC5B9



E4CFA8



# Sweetspot

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



99DCE9



E6FBFF



99E9A5



707D80



000000



808080

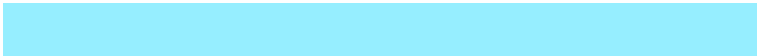


# Same Dimension

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



99DCE9



96EEFF



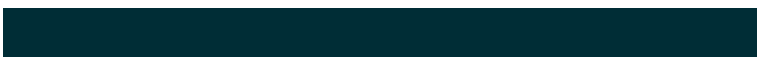
99B5E9



6A7375



0098B5



002D36



# Inverse Universe

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



E999DC



FF96EE



E9CD99



756A73



B50098

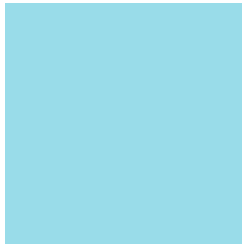


36002D



# Previews

## White Background



This preview shows how the Hex color 99DCE9 looks on a white background.

## Color Contrast Check

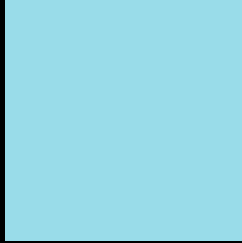
Large Text (above 18pt) WCAG AA × Fail

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 99DCE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

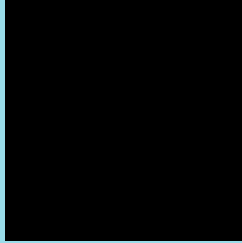
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99DCE9 Background



This preview shows how black text looks on a background with the Hex color 99DCE9.

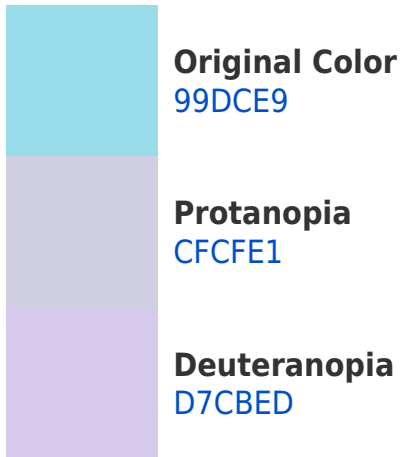



This preview shows how white text looks on a background with the Hex color 99DCE9.

# 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](#).

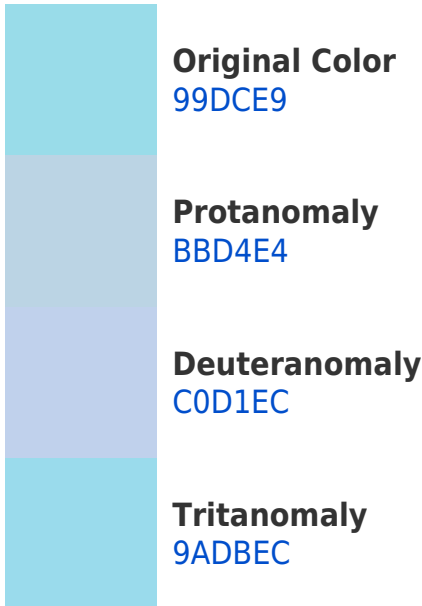
## Dichromacy



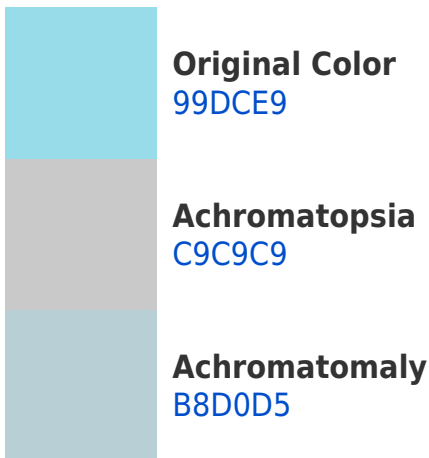


**Tritanopia**  
9ADBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99DCE9 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 #99DCE9 looks like.

```
.text, #text, p{  
    color:#99DCE9  
}
```

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 #99DCE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DCE9  
}
```

## Border

The CSS property to change the border of an element to Hex 99DCE9 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  
#99DCE9 }
```

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

```
.border{ border-color:#99DCE9 }
```

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

Here you see how a box with a 4 pixel #99DCE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DCE9; -webkit-box-shadow:4px 4px  
4px 4px #99DCE9; box-shadow:4px 4px 4px  
4px #99DCE9 }
```

# Background

The CSS property to change the background color of an element to Hex 99DCE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DCE9 }
```

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

```
.background{ background-color:#99DCE9 }
```

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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