

# Converting Colors

Hex(99DDE6)

Have a look what the booklet for  
Hex(99DDE6) contains.

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# **Color**

**Hex(99DDE6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99DDE6
RGB	153, 221, 230
RGB Percent	60%, 87%, 90%
CMY	0.4000, 0.1333, 0.0980
CMYK	0.33, 0.04, 0.00, 0.10
HSL	187°, 61%, 75%
HSV	187°, 33%, 90%
XYZ	53.2762, 64.1984, 84.4465
YIQ	201.6940, -43.4170, -11.6170

# Conversions

## Conversions Part 2

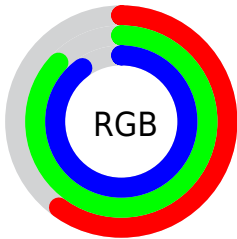
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 189, 230
Decimal	10083814
CIE <sub>Lab</sub>	84.07, -19.07, -11.22
CIE <sub>LCh</sub>	84, 22.130, 210.468
Yxy	64.1984, 0.2638, 0.3179
Android (android.graphics.Color)	4288273894 (0xFF99DDE6)
YUV	201.6940, 13.9549, -42.7046
Hunter-Lab	80.1239, -21.5280, -6.4019

# Details

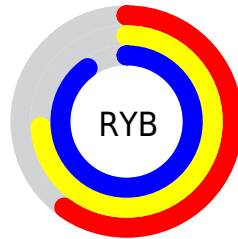
The Hex color **99DDE6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6A299**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D2FFFF**, and **62A6AF** is the 20% darker color. If you saturate the color by 10%, you get **82DAE6**, and if you desaturate by 10%, it is **B0E0E6**.

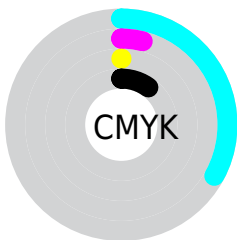
# Distribution



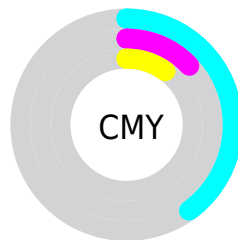
- Red (60%)
- Green (87%)
- Blue (90%)



- Red (60%)
- Yellow (74%)
- Blue (90%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (13%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99DDE6 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 99DDE6 by changing the saturation by 10% instead.



 99DDE6

 99DDE6

FFFFFF

 7DC1CA

 D2FFFF

 62A6AF

 EFFFFFF

 478B94

 2B727A

 035961

 00414A

 002B33

 00181E

 000002

 99DDE6

 99DDE6

 82DAE6

 B0E0E6

 6BD8E6

 C7E2E6

 54D5E6

 DEE5E6

 3DD2E6

 F5E8E6

 26D0E6

 FFEAE6

 0FCDE6

 FFEDE6

 00CBE6

 FFF0E6

 FFF3E6

 FFF5E6

# Harmonies

## Analogous

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



A0DED1



99DDE6



A3D9F5

# Triad

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



99DDE6



EDC6E7



E2D0A8

# Complementary

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



99DDE6



E6A299

# 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.



F3CAAE



99DDE6



FBC3D2

# Square

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



99DDE6



D6CCF6



FDC4BD



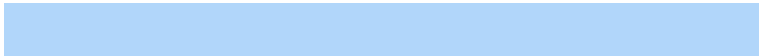
CBD7AD

# Rectangle

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



99DDE6



B1D6FA



FDC4BD



E8CEA9

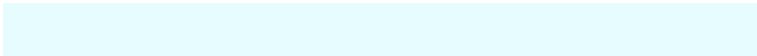


# Sweetspot

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



99DDE6



E6FCFF



99E6A2



707E80



000000



808080



# Same Dimension

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



99DDE6



99F3FF



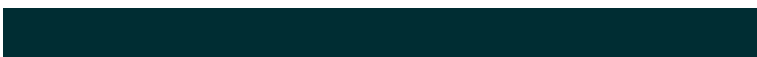
99B7E6



677173



009EB3



002D33



# Inverse Universe

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



E699DD



FF99F3



E6C899



736771



B3009E

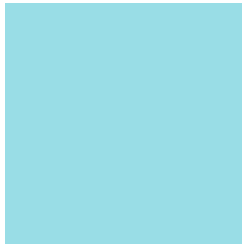


33002D



# Previews

## White Background



This preview shows how the Hex color 99DDE6 looks on a white background.

## Color Contrast Check

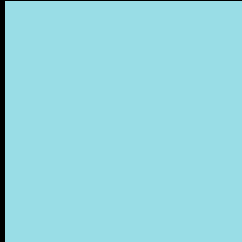
Large Text (above 18pt) WCAG AA × Fail

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 99DDE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

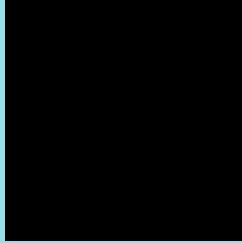
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99DDE6 Background



This preview shows how black text looks on a background with the Hex color 99DDE6.

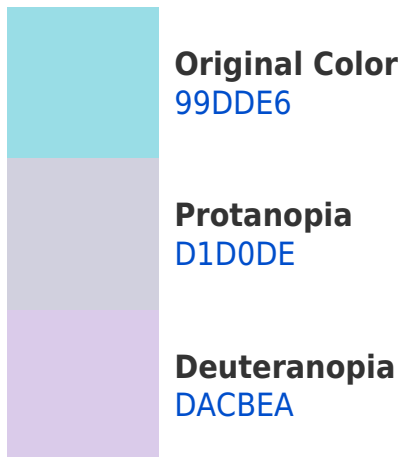


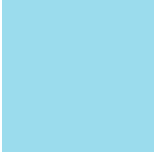
This preview shows how white text looks on a background with the Hex color 99DDE6.

# 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](#).

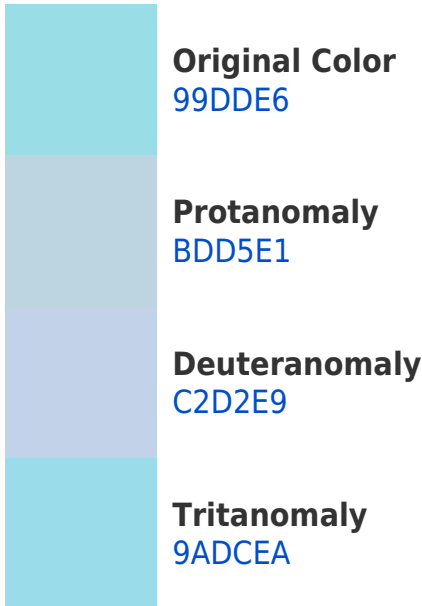
## Dichromacy



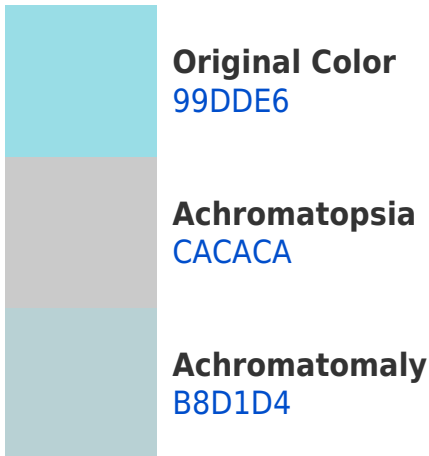


**Tritanopia**  
9BDCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99DDE6 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 #99DDE6 looks like.

```
.text, #text, p{  
    color:#99DDE6  
}
```

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 #99DDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DDE6  
}
```

## Border

The CSS property to change the border of an element to Hex 99DDE6 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  
#99DDE6 }
```

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

```
.border{ border-color:#99DDE6 }
```

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

Here you see how a box with a 4 pixel #99DDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DDE6; -webkit-box-shadow:4px 4px  
4px 4px #99DDE6; box-shadow:4px 4px 4px  
4px #99DDE6 }
```

# Background

The CSS property to change the background color of an element to Hex 99DDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DDE6 }
```

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

```
.background{ background-color:#99DDE6 }
```

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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