

Converting Colors

Hex(99DDE8)

Have a look what the booklet for
Hex(99DDE8) contains.

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Color

Hex(99DDE8)

Conversions

Conversions Part 1

Format	Color
Hex	99DDE8
RGB	153, 221, 232
RGB Percent	60%, 87%, 91%
CMY	0.4000, 0.1333, 0.0902
CMYK	0.34, 0.05, 0.00, 0.09
HSL	188°, 63%, 75%
HSV	188°, 34%, 91%
XYZ	53.5588, 64.3114, 85.9344
YIQ	201.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

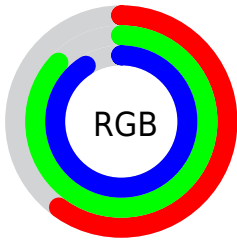
Format	Color
RYB	153, 190, 232
Decimal	10083816
CIELab	84.13, -18.60, -12.19
CIElCh	84, 22.240, 213.247
Yxy	64.3114, 0.2628, 0.3156
Android (android.graphics.Color)	4288273896 (0xFF99DDE8)
YUV	201.9220, 14.8285, -42.9046
Hunter-Lab	80.1944, -21.1268, -7.3977

Details

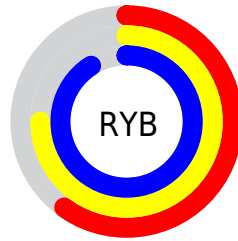
The Hex color **99DDE8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8A499**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D2FFFF**, and **62A6B0** is the 20% darker color. If you saturate the color by 10%, you get **82DAE8**, and if you desaturate by 10%, it is **B0E0E8**.

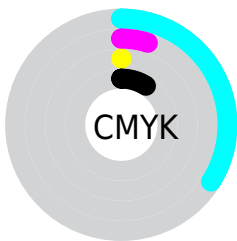
Distribution



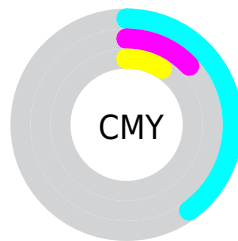
- Red (60%)
- Green (87%)
- Blue (91%)



- Red (60%)
- Yellow (75%)
- Blue (91%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DDE8 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 99DDE8 by changing the saturation by 10% instead.

 99DDE8

 99DDE8

FFFFFF

 7DC1CC

 D2FFFF

 62A6B0

 EFFFFFF

 478B96

 2A727C

 025963

 00414B

 002B34

 00181F

 000005

 99DDE8

 99DDE8

 82DAE8

 B0E0E8

 6BD7E8

 C7E3E8

 53D3E8

 DFE7E8

 3CD0E8

 F6EAE8

 25CDE8

 FFEDE8

 0ECAE8

 FFF0E8

 00C8E8

 FFF4E8

 FFF7E8

 FFFAE8

Harmonies

Analogous

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



9FDED3



99DDE8



A4D9F7

Triad

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



99DDE8



EFC6E5



E0D1A8

Complementary

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



99DDE8



E8A499

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.



F2CAAD



99DDE8



FCC3D0

Square

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



99DDE8



D9CCF5



FDC5BC



C9D8AE

Rectangle

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



99DDE8



B4D5FB



FDC5BC



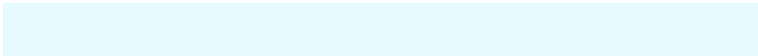
E7CFA9

Sweetspot

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



99DDE8



E6FBFF



99E8A4



707D80



000000



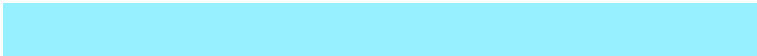
808080

Same Dimension

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



99DDE8



96F0FF



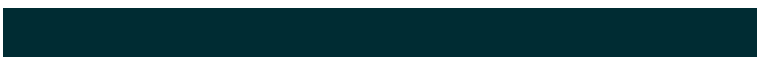
99B6E8



677173



009AB3



002C33

Inverse Universe

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



E899DD



FF96F0



E8CB99



736771



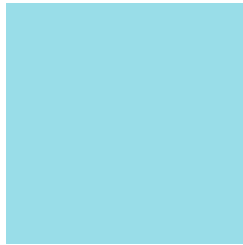
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 99DDE8 looks on a white background.

Color Contrast Check

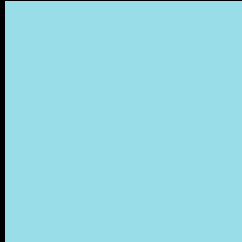
Large Text (above 18pt) WCAG AA × Fail

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 99DDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

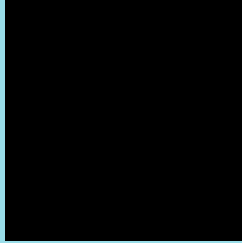
Any Text WCAG AA ✓ Pass

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 99DDE8 Background



This preview shows how black text looks on a background with the Hex color 99DDE8.

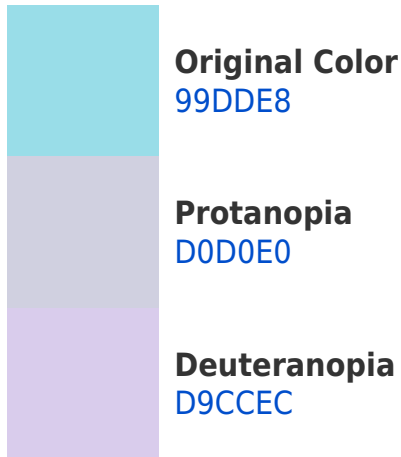


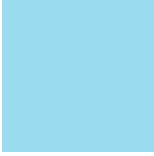
This preview shows how white text looks on a background with the Hex color 99DDE8.

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](#).

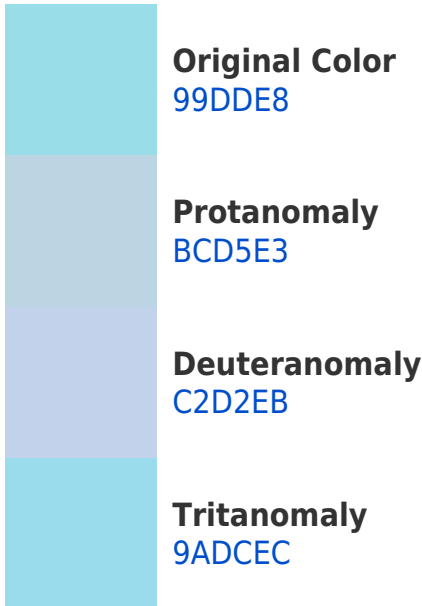
Dichromacy



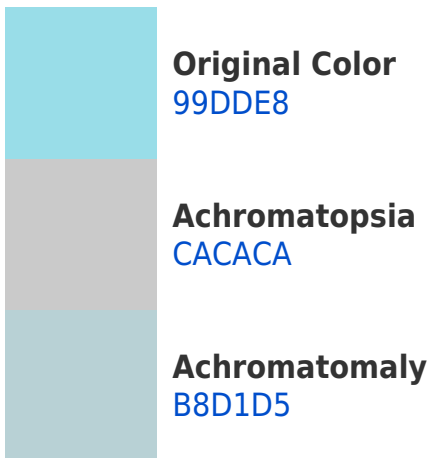


Tritanopia
9ADCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99DDE8 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 #99DDE8 looks like.

```
.text, #text, p{  
    color:#99DDE8  
}
```

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 #99DDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DDE8  
}
```

Border

The CSS property to change the border of an element to Hex 99DDE8 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  
#99DDE8 }
```

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

```
.border{ border-color:#99DDE8 }
```

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

Here you see how a box with a 4 pixel #99DDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DDE8; -webkit-box-shadow:4px 4px  
4px 4px #99DDE8; box-shadow:4px 4px 4px  
4px #99DDE8 }
```

Background

The CSS property to change the background color of an element to Hex 99DDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DDE8 }
```

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

```
.background{ background-color:#99DDE8 }
```

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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