

Converting Colors

Hex(99BCDE)

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

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Color

Hex(99BCDE)

Conversions

Conversions Part 1

Format	Color
Hex	99BCDE
RGB	153, 188, 222
RGB Percent	60%, 74%, 87%
CMY	0.4000, 0.2627, 0.1294
CMYK	0.31, 0.15, 0.00, 0.13
HSL	210°, 51%, 74%
HSV	210°, 31%, 87%
XYZ	44.3049, 48.0127, 76.0395
YIQ	181.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

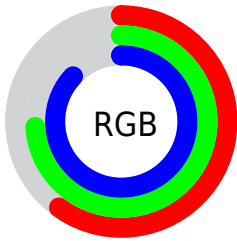
Format	Color
RYB	153, 176, 222
Decimal	10075358
CIELab	74.83, -3.84, -20.83
CIELCh	75, 21.184, 259.556
Yxy	48.0127, 0.2632, 0.2852
Android (android.graphics.Color)	4288265438 (0xFF99BCDE)
YUV	181.4110, 20.0104, -24.9164
Hunter-Lab	69.2912, -7.1263, -16.5605

Details

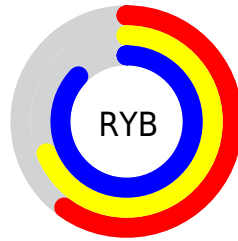
The Hex color **99BCDE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEBB99**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D1F4FF**, and **6487A7** is the 20% darker color. If you saturate the color by 10%, you get **83B1DE**, and if you desaturate by 10%, it is **AFC7DE**.

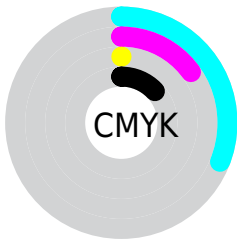
Distribution



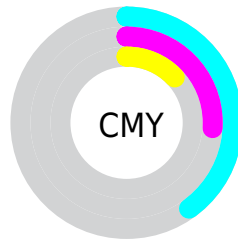
- Red (60%)
- Green (74%)
- Blue (87%)



- Red (60%)
- Yellow (69%)
- Blue (87%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 99BCDE

■ 99BCDE

FFFFFF

■ 7EA1C2

■ D1F4FF

■ 6487A7

■ EDFFFF

■ 4A6E8C

■ 305573

■ 143E5A

■ 002843

■ 00142C

■ 000117

■ 000000

■ 99BCDE

■ 99BCDE

■ 83B1DE

■ AFC7DE

■ 6DA6DE

■ C5D2DE

■ 569BDE

■ DCDDDE

■ 4090DE

■ F2E8DE

■ 2A85DE

■ FFF3DE

■ 147ADE

■ FFFEDE

■ 0071DE

■ FFFFDE

Harmonies

Analogous

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



87C1D5



99BCDE



B3B6DD

Triad

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



99BCDE



E1ABAC



A3C09E

Complementary

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



99BCDE



DEBB99

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.



BABB93



99BCDE



DCAE9B

Square

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



99BCDE



DBABC0



CEB592



8FC3B0

Rectangle

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



99BCDE



C3B1D6



CEB592



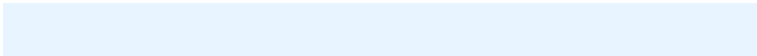
ABBF9A

Sweetspot

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



99BCDE



E8F4FF



99DEBA



717980



000000



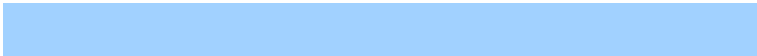
808080

Same Dimension

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



99BCDE



A1D1FF



999ADE



656B70



0059B0



001930

Inverse Universe

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



DE99BC



FFA1D1



DEDD99



70656B



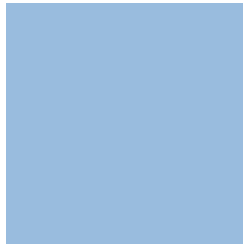
B00059



300019

Previews

White Background



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

Color Contrast Check

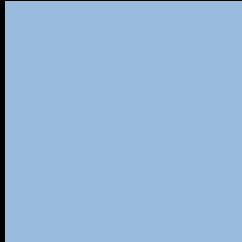
Large Text (above 18pt) WCAG AA × Fail

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 99BCDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

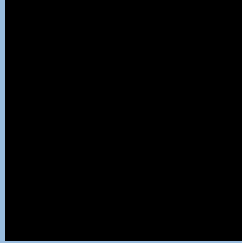
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

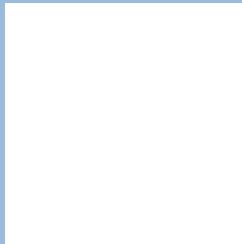
Any Text WCAG AAA ✓ Pass

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

Hex 99BCDE Background



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

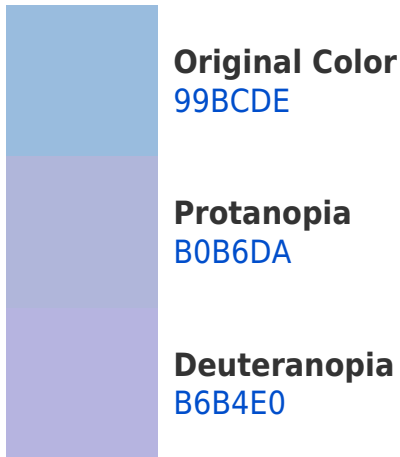


This preview shows how white text looks on a background with the Hex color 99BCDE.

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](#).

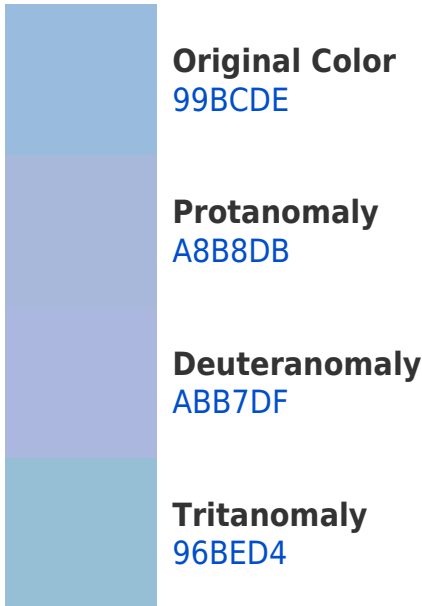
Dichromacy



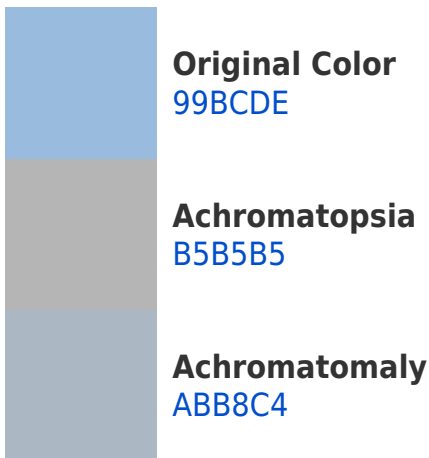


Tritanopia
95BFCE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99BCDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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