

Converting Colors

Hex(99BBDD)

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

Hex(99BBDD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99BBDD)

Conversions

Conversions Part 1

Format	Color
Hex	99BBDD
RGB	153, 187, 221
RGB Percent	60%, 73%, 87%
CMY	0.4000, 0.2667, 0.1333
CMYK	0.31, 0.15, 0.00, 0.13
HSL	210°, 50%, 73%
HSV	210°, 31%, 87%
XYZ	43.9583, 47.5334, 75.2646
YIQ	180.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

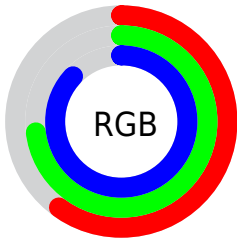
Format	Color
R _Y B	153, 176, 221
Decimal	10075101
CIE Lab	74.53, -3.55, -20.75
CIE LCh	75, 21.052, 260.301
Yxy	47.5334, 0.2636, 0.2850
Android (android.graphics.Color)	4288265181 (0xFF99BBDD)
YUV	180.7100, 19.8630, -24.3017
Hunter-Lab	68.9445, -6.8429, -16.4640

Details

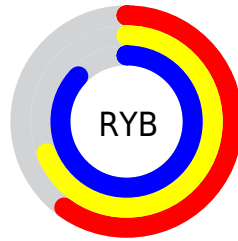
The Hex color **99BBDD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DDBB99**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D1F3FF**, and **6486A6** is the 20% darker color. If you saturate the color by 10%, you get **83B0DD**, and if you desaturate by 10%, it is **AFC6DD**.

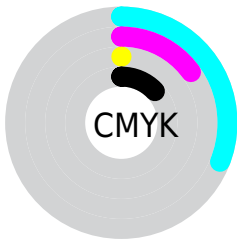
Distribution



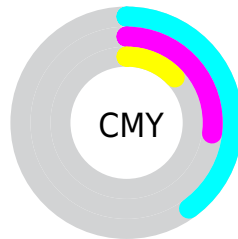
- Red (60%)
- Green (73%)
- Blue (87%)



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



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



- Cyan (40%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 99BBDD

FFFFFF

■ D1F3FF

■ EDFFFF

■ 99BBDD

■ 7EA0C1

■ 6486A6

■ 4A6D8B

■ 305472

■ 153D59

■ 002842

■ 00132B

■ 000117

■ 000000

■ 99BBDD

■ 99BBDD

■ 83B0DD

■ AFC6DD

■ 6DA5DD

■ C5D1DD

■ 579ADD

■ DBDCDD

■ 418FDD

■ F1E7DD

■ 2B84DD

■ FFF2DD

■ 1479DD

■ FFFDDD

■ 006FDD

■ FFFFDD

Harmonies

Analogous

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



86C0D4



99BBDD



B3B5DB

Triad

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



99BBDD



E0AAAB



A2BF9E

Complementary

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



99BBDD



DDBB99

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.



B8BA93



99BBDD



DAAE9A

Square

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



99BBDD



DAAABE



CCB492



8EC2B0

Rectangle

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



99BBDD



C3B0D5



CCB492



A9BE99

Sweetspot

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



99BBDD



E8F4FF



99DDBB



717880



000000



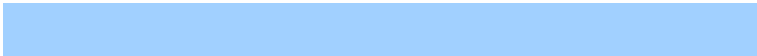
808080

Same Dimension

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



99BBDD



A1D0FF



9999DD



63686E



0057AD



00172E

Inverse Universe

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



DD99BB



FFA1D0



DDDD99



6E6368



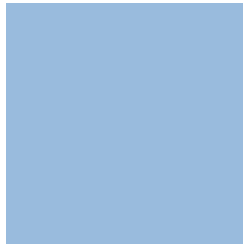
AD0057



2E0017

Previews

White Background



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

Color Contrast Check

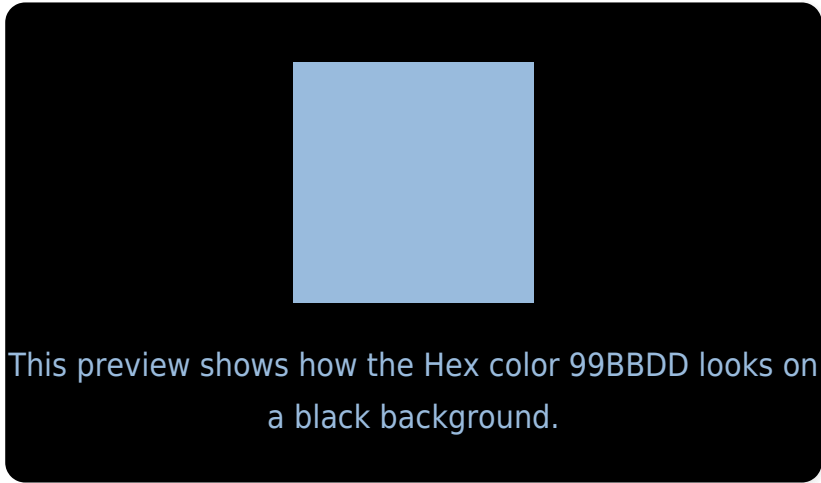
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

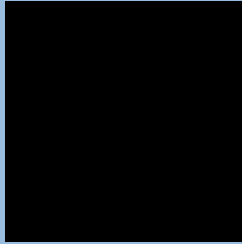
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

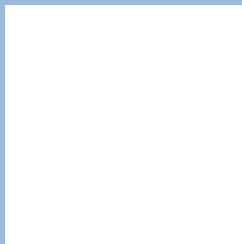
Any Text WCAG AAA ✓ Pass

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

Hex 99BBDD Background



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

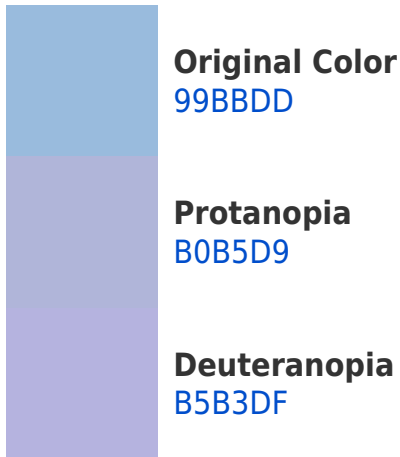


This preview shows how white text looks on a background with the Hex color 99BBDD.

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](#).

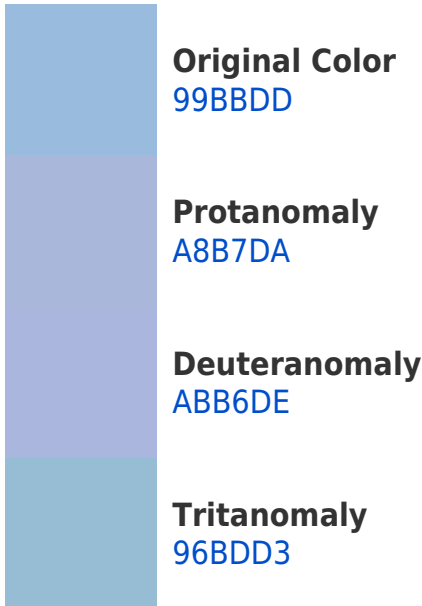
Dichromacy



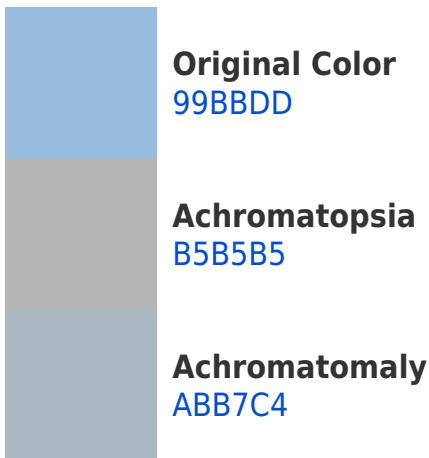


Tritanopia
95BECD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99BBDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor