

Converting Colors

Hex(99BBD5)

Have a look what the booklet for
Hex(99BBD5) contains.

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Color

Hex(99BBD5)

Conversions

Conversions Part 1

Format	Color
Hex	99BBD5
RGB	153, 187, 213
RGB Percent	60%, 73%, 84%
CMY	0.4000, 0.2667, 0.1647
CMYK	0.28, 0.12, 0.00, 0.16
HSL	206°, 42%, 72%
HSV	206°, 28%, 84%
XYZ	42.9174, 47.1170, 69.7833
YIQ	179.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

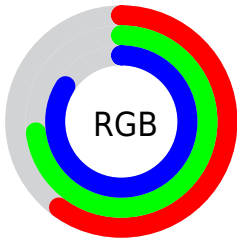
Format	Color
RYB	153, 175, 213
Decimal	10075093
CIELab	74.26, -5.48, -16.81
CIELCh	74, 17.678, 251.940
Yxy	47.1170, 0.2685, 0.2948
Android (android.graphics.Color)	4288265173 (0xFF99BBD5)
YUV	179.7980, 16.3686, -23.5018
Hunter-Lab	68.6419, -8.5184, -12.2266

Details

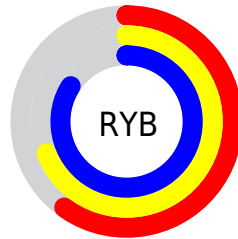
The Hex color **99BBD5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D5B399**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D0F3FF**, and **64869E** is the 20% darker color. If you saturate the color by 10%, you get **84B2D5**, and if you desaturate by 10%, it is **AEC4D5**.

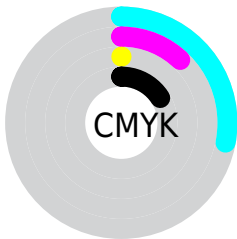
Distribution



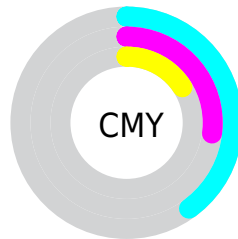
- Red (60%)
- Green (73%)
- Blue (84%)



- Red (60%)
- Yellow (69%)
- Blue (84%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99BBD5 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 99BBD5 by changing the saturation by 10% instead.

■ 99BBD5

■ 99BBD5

FFFFFF

■ 7EA0B9

■ D0F3FF

■ 64869E

■ EDFFFF

■ 4B6D84

■ 32546B

■ 183D53

■ 00283B

■ 001326

■ 000110

■ 000000

 99BBD5

 99BBD5

 84B2D5

 AEC4D5

 6EA9D5

 C4CDD5

 599FD5

 D9D7D5

 4496D5

 EEE0D5

 2F8DD5

 FFE9D5

 1984D5

 FFF2D5

 047AD5

 FFFCD5

 0079D5

 FFFF5

Harmonies

Analogous

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



8DBFCC



99BBD5



ADB6D6

Triad

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



99BBD5



D9ABB1



AABC9E

Complementary

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



99BBD5



D5B399

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.



BDB897



99BBD5



D7AEA2

Square

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



99BBD5



D1ACC1



CDB298



99BFAC

Rectangle

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



99BBD5



BBB2D2



CDB298



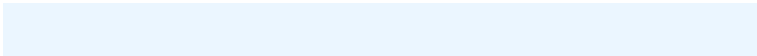
B0BB9B

Sweetspot

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



99BBD5



EBF6FF



99D5B3



737A80



000000



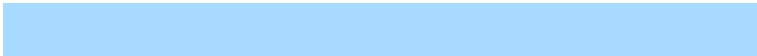
808080

Same Dimension

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



99BBD5



A8D9FF



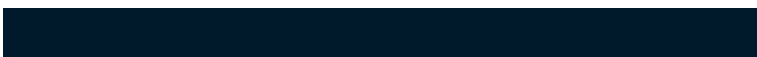
999DD5



60666B



0061AB



00192B

Inverse Universe

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



D599BB



FFA8D9



D5D199



6B6066



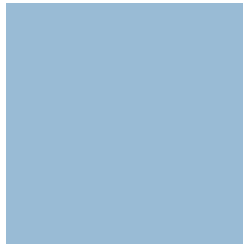
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 99BBD5 looks on a white background.

Color Contrast Check

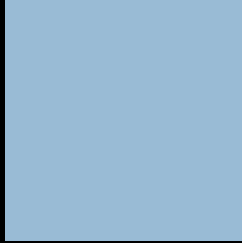
Large Text (above 18pt) WCAG AA × Fail

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 99BBD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

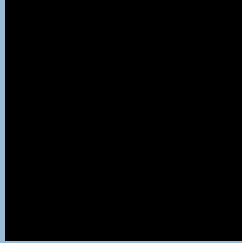
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

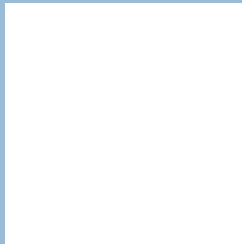
Any Text WCAG AAA ✓ Pass

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

Hex 99BBD5 Background



This preview shows how black text looks on a background with the Hex color 99BBD5.

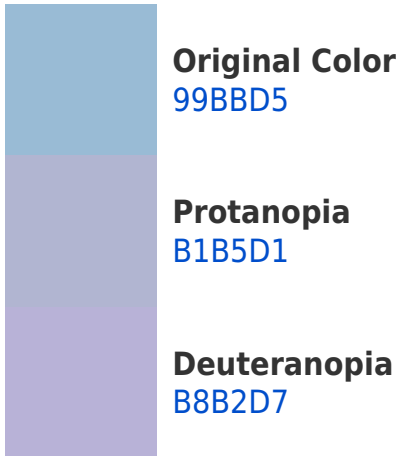


This preview shows how white text looks on a background with the Hex color 99BBD5.

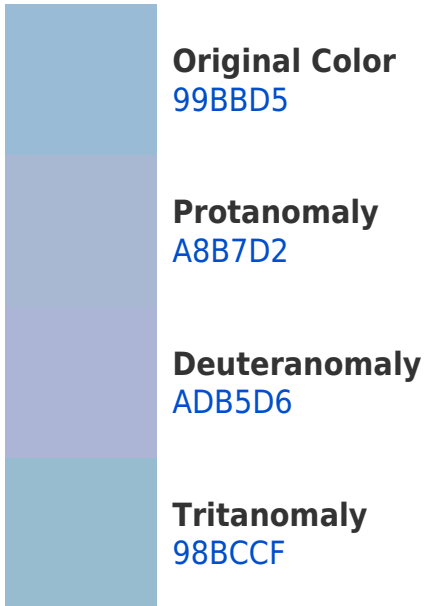
Color Blindness Simulation

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](#).

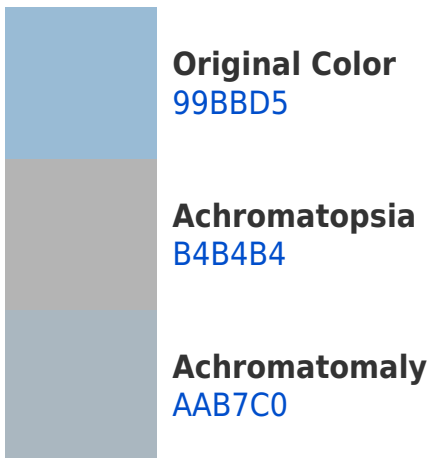
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99BBD5 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 #99BBD5 looks like.

```
.text, #text, p{  
    color:#99BBD5  
}
```

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 #99BBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BBD5
}
```

Border

The CSS property to change the border of an element to Hex 99BBD5 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
#99BBD5 }
```

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

```
.border{ border-color:#99BBD5 }
```

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

Here you see how a box with a 4 pixel #99BBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BBD5; -webkit-box-shadow:4px 4px  
4px 4px #99BBD5; box-shadow:4px 4px 4px  
4px #99BBD5 }
```

Background

The CSS property to change the background color of an element to Hex 99BBD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BBD5 }
```

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

```
.background{ background-color:#99BBD5 }
```

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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