

Converting Colors

Hex(99BD9B)

Have a look what the booklet for
Hex(99BD9B) contains.

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Color

Hex(99BD9B)

Conversions

Conversions Part 1

Format	Color
Hex	99BD9B
RGB	153, 189, 155
RGB Percent	60%, 74%, 61%
CMY	0.4000, 0.2588, 0.3922
CMYK	0.19, 0.00, 0.18, 0.26
HSL	123°, 21%, 67%
HSV	123°, 19%, 74%
XYZ	37.2509, 45.5341, 37.8360
YIQ	174.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

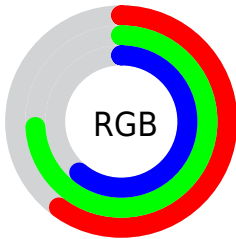
Format	Color
RYB	153, 187, 189
Decimal	10075547
CIELab	73.24, -18.76, 13.26
CIELCh	73, 22.971, 144.750
Yxy	45.5341, 0.3088, 0.3775
Android (android.graphics.Color)	4288265627 (0xFF99BD9B)
YUV	174.3600, -9.5445, -18.7327
Hunter-Lab	67.4789, -19.5495, 13.9909

Details

The Hex color **99BD9B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD99BB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D0F5D1**, and **658868** is the 20% darker color. If you saturate the color by 10%, you get **86BD89**, and if you desaturate by 10%, it is **ACBDAD**.

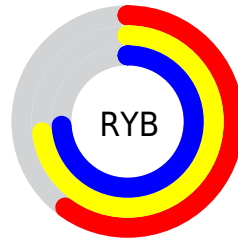
Distribution



Red (60%)

Green (74%)

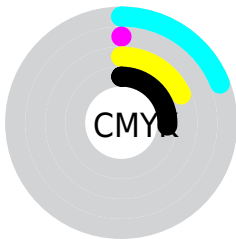
Blue (61%)



Red (60%)

Yellow (73%)

Blue (74%)

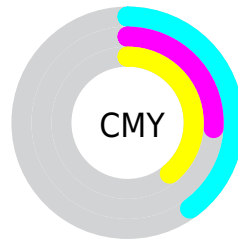


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99BD9B 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 99BD9B by changing the saturation by 10% instead.

 99BD9B

 99BD9B

FFFFFF

 7FA281

 D0F5D1

 658868

 ECFEE

 4D6E50

 355639

 1F3E23

 08280E

 001300

 000000

 99BD9B

 99BD9B

 86BD89

 ACBDAD

 73BD77

 BFBDBF

 60BD65

 D2BDD1

 4DBD54

 E5BDE2

 3BBD42

 F8BDF4

 28BD30

 FFBDFE

 15BD1E

 02BD0C

 00BD0A

Harmonies

Analogous

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



B1B88D



99BD9B



84C0AF

Triad

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



99BD9B



96B7DD



DFA6A3

Complementary

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



99BD9B



BD99BB

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.



DBA5B8



99BD9B



B3B0DA

Square

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



99BD9B



7FBCD5



CCA9CC



D8AA92

Rectangle

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



99BD9B



7BC0BE



CCA9CC



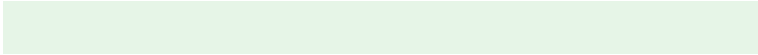
DFA5AA

Sweetspot

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



99BD9B



E6F5E7



BBBD99



727A72



FAFAFA



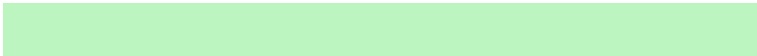
7A7A7A

Same Dimension

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



99BD9B



BCF5C0



99BDAD



555E55



009E09



001F02

Inverse Universe

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



BD99BB



F5BCF2



BD99A9



5E555E



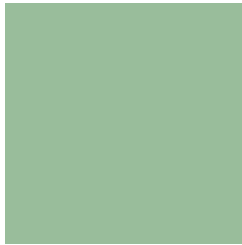
9E0095



1F001D

Previews

White Background



This preview shows how the Hex color 99BD9B looks on a white background.

Color Contrast Check

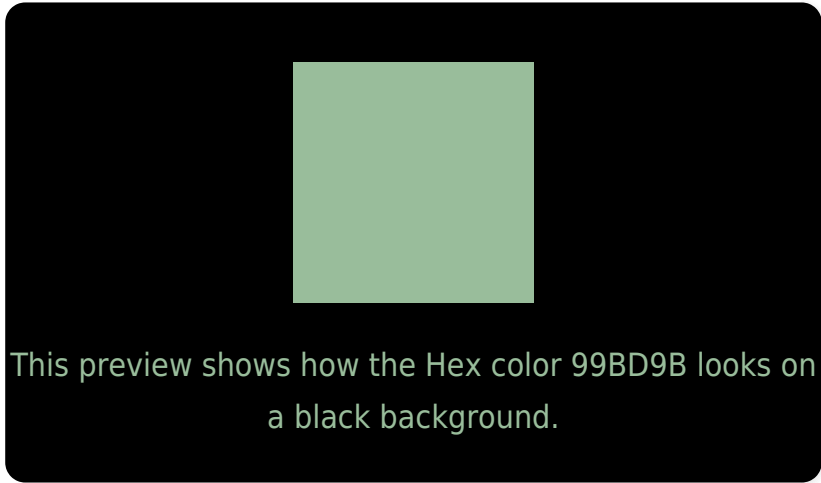
Large Text (above 18pt) WCAG AA × Fail

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

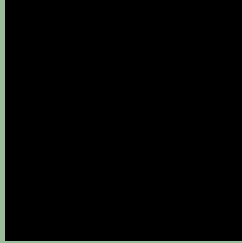
Any Text WCAG AA ✓ Pass

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 99BD9B Background



This preview shows how black text looks on a background with the Hex color 99BD9B.

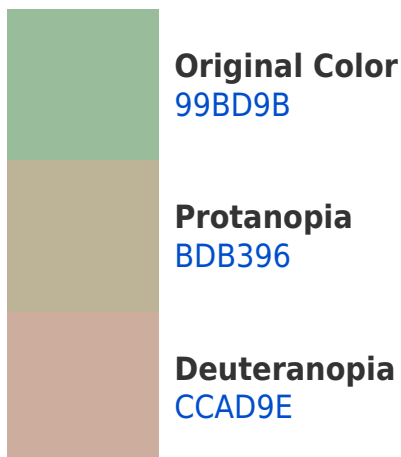


This preview shows how white text looks on a background with the Hex color 99BD9B.

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



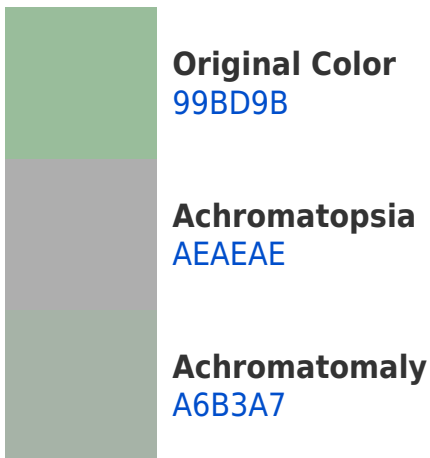


Tritanopia
A0B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99BD9B 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 #99BD9B looks like.

```
.text, #text, p{  
    color:#99BD9B  
}
```

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 #99BD9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BD9B  
}
```

Border

The CSS property to change the border of an element to Hex 99BD9B 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  
#99BD9B }
```

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

```
.border{ border-color:#99BD9B }
```

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

Here you see how a box with a 4 pixel #99BD9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BD9B; -webkit-box-shadow:4px 4px  
4px 4px #99BD9B; box-shadow:4px 4px 4px  
4px #99BD9B }
```

Background

The CSS property to change the background color of an element to Hex 99BD9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BD9B }
```

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

```
.background{ background-color:#99BD9B }
```

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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