

# Converting Colors

Hex(9BBDB9)

Have a look what the booklet for  
Hex(9BBDB9) contains.

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# **Color**

**Hex(9BBDB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBDB9
RGB	155, 189, 185
RGB Percent	61%, 74%, 73%
CMY	0.3922, 0.2588, 0.2745
CMYK	0.18, 0.00, 0.02, 0.26
HSL	173°, 20%, 67%
HSV	173°, 18%, 74%
XYZ	40.4721, 46.8665, 52.8120
YIQ	178.3780, -18.9800, -8.4520

# Conversions

## Conversions Part 2

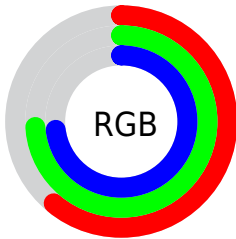
Format	Color
<a href="#">RYB</a>	<a href="#">155, 173, 189</a>
Decimal	<a href="#">10206649</a>
CIELab	<a href="#">74.10, -12.22, -1.79</a>
CIELCh	<a href="#">74, 12.348, 188.326</a>
Yxy	<a href="#">46.8665, 0.2888, 0.3344</a>
Android (android.graphics.Color)	<a href="#">4288396729 (0xFF9BBDB9)</a>
YUV	<a href="#">178.3780, 3.2646, -20.5025</a>
Hunter-Lab	<a href="#">68.4591, -14.2767, 2.1828</a>

# Details

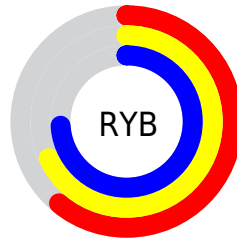
The Hex color **9BBDB9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9B9F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D2F5F1**, and **678884** is the 20% darker color. If you saturate the color by 10%, you get **88BDB7**, and if you desaturate by 10%, it is **AEBDBB**.

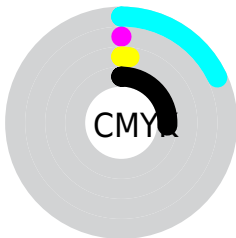
# Distribution



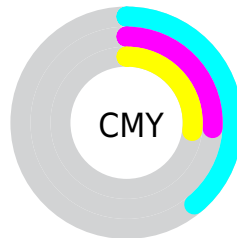
- Red (61%)
- Green (74%)
- Blue (73%)



- Red (61%)
- Yellow (68%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (39%)
- Magenta (26%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BBDB9 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 9BBDB9 by changing the saturation by 10% instead.





9BBDB9



9BBDB9

FFFFFF



81A29E



D2F5F1



678884



EEFFFF



4F6E6B



375653



203F3C



092926



001511



000000



9BBDB9



9BBDB9

 88BDB7

 AEBDBB

 75BDB5

 C1BDBD

 62BDB2

 D4BDC0

 4FBDB0

 E7BDC2

 3CBDAE

 FABDC4

 2ABDAC

 FFBDC6

 17BDA9

 FFBDC9

 04BDA7

 FFBDCB

 00BDA7

 FFBDCD

# Harmonies

## Analogous

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



A3BCAD



9BBDB9



9ABCC4

# Triad

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



9BBDB9



BCB2C8



C7B3A1

# Complementary

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



9BBDB9



BD9B9F

# 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.



CEB0A9



9BBDB9



C8AFBF

# Square

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



9BBDB9



AEB6CC



CEAEB3



BCB6A0

# Rectangle

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



9BBDB9



9EBBC9



CEAEB3



CAB2A3

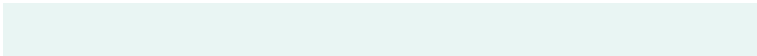


# Sweetspot

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



9BBDB9



E9F5F3



A0BD9B



737A7A



FAFAFA



7A7A7A



# Same Dimension

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



9BBDB9



BFF5EE



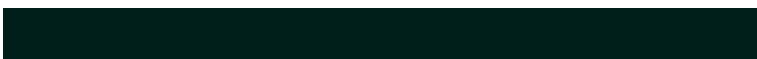
9BB1BD



555E5D



009E8B



001F1B



# Inverse Universe

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



BD9B9F



F5BFC5



BDA79B



5E5556



9E0013

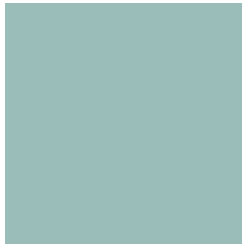


1F0004



# Previews

## White Background



This preview shows how the Hex color 9BBDB9 looks on a white background.

## Color Contrast Check

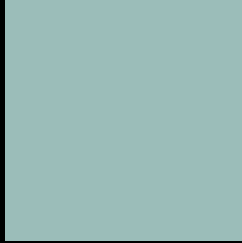
Large Text (above 18pt) WCAG AA × Fail

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 9BBDB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

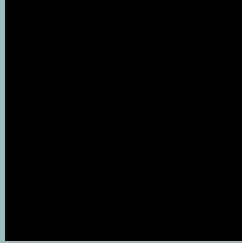
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

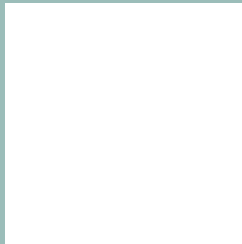
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BBDB9 Background



This preview shows how black text looks on a background with the Hex color 9BBDB9.



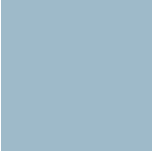
This preview shows how white text looks on a background with the Hex color 9BBDB9.

# 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



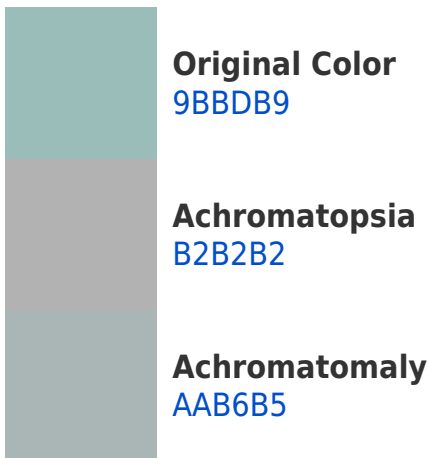


**Tritanopia**  
9EBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BBDB9 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 #9BBDB9 looks like.

```
.text, #text, p{  
    color:#9BBDB9  
}
```

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 #9BBDB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BBDB9
}
```

## Border

The CSS property to change the border of an element to Hex 9BBDB9 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
#9BBDB9 }
```

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

```
.border{ border-color:#9BBDB9 }
```

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

Here you see how a box with a 4 pixel #9BBDB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BBDB9; -webkit-box-shadow:4px 4px  
4px 4px #9BBDB9; box-shadow:4px 4px 4px  
4px #9BBDB9 }
```

# Background

The CSS property to change the background color of an element to Hex 9BBDB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BBDB9 }
```

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

```
.background{ background-color:#9BBDB9 }
```

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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